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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—अवकाश 2

[PART III-SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 22nd November 1997

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पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 22 नवम्बर 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्राथमिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांडी इस्टेट,
तीसरा तल, साँवर परले (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
गणेश और नगर द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, कराल घाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
विंग "सी" (सी 4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु,
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाम
तथा एमिनिदीव द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजम पैलेस, द्वितीय बह्मनीय कार्यालय
भवन, 5, 6 तथा 7वाँ तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीक्षित सभी आवदन-पत्र, सूचनाएं, विवरण या अन्य प्रत्येक पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शर्तक : शर्तकों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
हाक आवेद या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुमतिपत्र बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20.

The dates shown in the crescent bracket are the dates
claimed under section 135, Patent Act, 1970.

18-09-1997

1720/Cal/97. Danieli & C. Officine Meccaniche SPA. "Cool-
ing system for electrodes in D.C. electric ARC
furnaces". (Convention No. UD96A000182 on
17-9-96 in Italy).

1721/Cal/97. Schweizerische Isola-Werke "Mica tape for
fire-proof electrical insulation." (Convention No.
2396/96 & 1-10-96 & 0369/97 en 18-2-97 in
Switzerland).

1722/Cal/97. Siemens Aktiengesellschaft Method for
machining a workpiece especially a turbine com-
ponent". (Convention No. 19638987.9 on 23-9-96
in Germany),

1723/Cal/97. Siemens Aktiengesellschaft, "Data process-
ing facilities with non-Volatile storage unit". Con-
vention No. 19639699.9 on 26-9-96 in Germany),

1724/Cal/97. Siemens Aktiengesellschaft, "Shaft seal".
(Convention No. 19639978.5 on 27-9-96 in
Germany).

1725/Cal/97. Siemens Aktiengesellschaft. "Capacitor with
an oxygen-barrier layer and a first electrode made
out of a precious metal". (Convention No.
19640243.3 on 30-9-96 in Germany).

1726/Cal/97. Siemens Aktiengesellschaft, "Circuit arrange-
ment having a microprocessor and a stack memo-
ry". (Convention No. 19640316.2 on 30-9-96 in
Germany).

1727/Cal/97. Siemens Aktiengesellschaft, "Manufacturing
process for a high-dielectric or ferroelectric
layer". (Convention No. 19640241.7 on 30-9-96
in Germany).

19-09-1997

1728/Cal/97. ECO Purification Systems B.V., "Process for
purifying stream*".

1729/Cal/97. ECO Purification Systems R.V. "Process for
purification of contaminated water by activat-
ed ozone".

- 1730/Cal/97. The University of New Mexico, "Method for purifying and synthesizing heat shock protein complexes". (Convention No. 08/717,239 on 20-9-96 & Nil on 19-09-97 in U.S.A.).
- 1731/Cal/97. The University of New Mexico, "Heat shock protein complexes". (Convention No. 08/717,239 on 20-9-96 & Nil on 19-09-97 in U.S.A.).
- 1732/Cal/97. Nokia Telecommunications OY, "Procedure and system for management of a subscriber database in a telephone exchange". (Convention No. 963727 on 19-09-96 in Finland).
- 1733/Cal/97. ICI India Limited, "Improved process for the manufacture of cyclohexyl thiophthalimide using cyclohexanol".
- 1734/Cal/97. Eli Lilly and Company, "Olanzapine dihydrate D". (Convention No. 60/026,486 on 23-9-96 in U.S.A.).
- 1735/Cal/97. Eli Lilly and Company, "Coated particle formulation". (Convention No. 60/026,633 on 24-9-96 in U.S.A.).
- 1736/Cal/97. Eli Lilly and Company, "PROCESS for preparing olanzapine". (Convention No. 60/026,487 on 23-9-96 in U.S.A.).
- 1737/Cal/97. Roth Werke GMBH, "Pallet-Type container". (Convention No. 19638199.1 on 19-9-96 & 19723806.8 on 6-6-97 in Germany).
- 1738/Cal/97. Owens Corning, "Fiber manufacturing spin-ior". (Convention No. 08/722,399 on 30-9-96 in U.S.A.).
- 1739/Cal/97. George D. Ratliff, Jr., "Solar concentrator". (Convention No. 08/717,716 on 23-9-96 in U.S.A.).
- 1740/Cal/97. Eli Lilly and Company, "Combination therapy for treatment of psychoses". (Convention No. 60/026,884 on 23-9-96 in U.S.A.).
- 1741/Cal/97. Siemens Aktiengesellschaft, "Compensation of the pressure loss of cooling-air ducting in a gas turbine plant". (Convention No. 19639624.7 on 26-9-96 in Germany).
- 1742/Cal/97. Johnson & Johnson Medical, Inc., "Catheter beveling and die cut process". (Convention No. 08/773938 on 30-12-96 in U.S.A.).
- 22-09-1997
- 1743/Cal/97. Comsat Corporation, "Demodulation of asynchronously sampled data by means of detection transition sample estimation in a shared multi-carrier environment and apparatus therefor". (Convention No. 60/026,431 on 20-9-96 in U.S.A.).
- 1744/Cal/97. N.V. Union Miniere S.A., "Process for the conversion of iron bearing residues into a synthetic rock".
- 1745/Cal/97. Haefely Trench AG, "Pulsed-Voltage generator circuit". (Convention No. 19639023.0 on 23-9-96 in Germany).
- 1746/Cal/97. Siemens Matsushita Components GMBH & Co. KG., "Contact assembly for semiconductor resistors, such as PCT thermistors". (Convention No. 19638631.4 on 20-09-96 in Germany).
- 1747/Cal/97. Cytec Technology Corp., "Compositions and method for ORE beneficiation". (Convention No. 08/721,177 on 26-9-96 in U.S.A.).
- 1748/Cal/97. Evans Deakin Industries Limited, "A crime positioning system". (Convention No. P04870 on 31-01-97 in Australia).
- 1749/Cal/97. Carmel Olefins Ltd., "Electrically conductive composition and methods for producing same". (Convention No. 60/030,621 on 7-11-96 in U.S.A.).
- 1750/CAL/97. Siemens Aktiengesellschaft, "Semiconductor arrangement having a layer of a noble metal and process for the production thereof". (Convention No. 19640240.9 on 30-9-96 in Germany).
- 1751/Cal/97. Siemens Aktiengesellschaft, "Chip module, in particular for implantation in a chip card body". (Convention No. 19640304.9 on 30-9-96 in Germany).
- 1752/Cal/97. Siemens Aktiengesellschaft, "Method for the production of an integrated semiconductor memory arrangement". (Convention No. 19640271.9 on 30-9-96 in Germany).
- 1753/Cal/97. Siemens Aktiengesellschaft, "Base station having a fast channel changing function in a cellular TDMA/FDMA radio system, in particular in a cellular dect system". (Convention No. 19640450.9 on 30-9-96 in Germany).
- 23-09-1997
- 1754/Cal/97. Jahar Lal Bose, "A process for removing chlorine in drinking water".
- 1755/Cal/97. Commscope, Inc., "Coaxial cable and method of making same". (Convention No. 60/026,700 on 25-9-96 in U.S.A.).
- 1756/Cal/97. Alza Corporation, "Stable protein and nucleic acid formulations, using non-aqueous, anhydrous, aprotic hydrophobic, non-polar vehicles with low reactivity". (Convention No. 60/028,167 on 16-10-96 & Nil on 15-7-97 in U.S.A.).
- 1757/Cal/97. Alza Corporation, "Process for preparing stable protein and nucleic acid formulations, using non-aqueous, anhydrous, aprotic, hydrophobic, non-polar vehicles with low reactivity". (Convention No. 60/028,167 on 16-10-96 & Nil on 15-7-97 in U.S.A.).
- 1718/Cal/97. Jonnie R. Williams, "Method of treating tobacco to reduce nitrosamine content, and products provided thereby". (Convention No. 08/725,691 on 23-9-96; 08/739,942 on 30-10-96; 08/757,104 on 2-12-96 & 08/879,905 on 20-6-97 in U.S.A.).
- 1759/Cal/97. Siemens Aktiengesellschaft, "Semiconductor arrangement with protected barrier for a stacked cell". (Convention No. 19640246.8 on 30-9-96 in Germany).
- 1760/Cnl/97. Siemens Aktiengesellschaft, "Regulating switch for charging pump*". (Convention No. 19639701.4 on 26-9-96 in Germany).
- 176i/Cal/97. Siemens Aktiengesellschaft, "Data processing unit with communication unit". (Convention No. 19639700.6 on 26-9-96 in Germany).
- 1762/Cal/97. Siemens Aktiengesellschaft, "Contactless chip card". (Convention No. 19640260.3 on 30-9-96 in Germany).
- 1763/Cal/97. Siemens Aktiengesellschaft, "Method for matching of a receiving set to transmission conditions and corresponding receiving set". (Convention No. 19639887.8 on 27-9-96 in Germany).
- 1764/Cal/97. Siemens Aktiengesellschaft, "Method for producing barrier-free semiconductor memory arrangements". (Convention No. 19640273.5 on 30-9-96 in Germany).
- 1765/Cal/97. Siemens Aktiengesellschaft, "Integrated semiconductor memory arrangement 'buried-plate-electrode'". (Convention No. 19640215.8 on 30-9-96 in Germany).
- 1766/Cal/97. De Nora S.P.A., "Method for excluding a malfunctioning elementary cell in a membrane electrolyzer 'or electrochemical generator'". (Convention No. MI 96/A 002037 on 3-10-96 in Italy).
- 1767/Cal/97. E I DU Pont De Nemours and Company, "Detection of broken filaments". (Convention No. 08/720,333 on 27-9-96 in U.S.A.).

1768/Cal/97. Hoechst Celanese Corporation, "Fiber-Reactive brighteners of BIS-S-TRIAZINYLAMINOS-TILBENE". (Convention No. 60/027,141 on 2-10-90 in U.S.A.).

1769/Cal/97. Matsushita Electric Industrial Co. Ltd., "Improved isolation apparatus for electronic equipment". (Convention No. 8-254738 on 26-9-96 in Japan).

24-09-1997

1770/Cal/97. Valpharma S.A., "Controlled release pharmaceutical compositions for the oral administration containing nifedipine as active substance". (Convention No. MI96A001983 on 27-9-96 in Italy).

1771/Cal/97. Altus Biologies Inc., "Separation method using crosslinked protein crystals as universal separation media and apparatus therefor". (Convention No. 08/719,114 on 24-9-96 in U.S.A.).

1772/Cal/97. Mitutoyo Corporation, "Dial Gauge casing and method of manufacturing the same". (Convention No. 8-254577 on 26-9-96 in Japan).

1773/Cal/97. Mitutoyo Corporation, "Dial Gauge". (Convention No. 8-254575 on 26-9-96 in Japan).

1774/Cal/97. Matsushita Electric Industrial Co. Ltd., "A mobile telephone apparatus with power saving". (Convention No. 8-256104 on 27-9-96 in Japan).

1775/Cal/97. Siemens Aktiengesellschaft, "Steam turbine with condenser and method for cooling a steam turbine in the ventilation mode". (Convention No. 19639722.7 on 26-9-96 in Germany).

1776/Cal/97. Siemens Aktiengesellschaft, "Steam turbine and method for avoiding the formation of wet steam in a steam turbine". (Convention No. 19639715.4 on 26-9-96 in Germany).

1777/Cal/97. Siemens Aktiengesellschaft, "Steam turbine plant and method for cooling a steam turbine". (Convention No. 19639714.6 on 26-9-96 in Germany).

1778/Cal/97. Siemens Aktiengesellschaft, "Steam turbine and method for cooling a steam turbine in the ventilation mode". (Convention No. 19640298.0 on 30-9-96 in Germany).

1779/Cal/97. Siemens Aktiengesellschaft, "Pulsed power supply of switched-mode power supplies". (Convention No. 19641299.4 on 7-10-96 in Germany).

1780/Cal/97. Siemens Aktiengesellschaft, "Method and device for predicting initially unknown parameters of an industrial process". (Convention No. 19641432.6 on 8-10-96 in Germany).

1781/Cal/97. Siemens Aktiengesellschaft, "Electronic data processing circuit". (Convention No. 19642560.0 on 15-10-96 in Germany).

1782/Cal/97. Siemens Aktiengesellschaft, "Chip card having a contact zone and process for producing such a chip card". (Convention No. 19642563.8 on 15-10-96 in Germany).

1783/Cal/97. PPG Industries, Inc., "Coating compositions with circuit acid containing polymers for enhanced adhesion to substrates". (Convention No. 08/720937 on 4-10-96 in U.S.A.).

1784/Cal/97. Krupp Uhde GMBH, "Electrolyser for the production of halogen gases". (Convention No. 19641125.445 on 5-10-96 in Germany).

1785/Cal/97. E. I. Du Pont De Nemours and Company, "Improvements in polyester fiber". (Convention No. 60/028,064 on 4-10-96 in U.S.A.).

1786/Cal/97. E. I. Du Pont De Nemours and Company, "A process for coating biological pesticides an compositions therefrom". (Convention No. 60/027,512 on 7-10-96 in U.S.A.).

1787/Cal/97. E. I. Du Pont De Nemours and Company, "Vanadyl pyrophosphate catalyst precursors". (Convention No. 60/027, 941 on 8-10-96 in U.S.A.).

24-09-1997

1788/Cal/97. E. I. Du Pont De Nemours and Company, "Fungicidal cyclic amides". (Convention No. 60/029,965 on 1-11-96 in U.S.A.).

1789/Cal/97. DCV, Inc., "Method for controlling plant damage by insect herbivores". (Convention No. 08/734,914 on 22-10-96 in U.S.A.).

1790/Cal/97. Kidde Industries, Inc., "Transportable crane". (Convention* No. 60/026,607 on 25-9-96 in U.S.A.).

25-09-1997

1791/Cal/97. Kabushiki Kaisha Toshiba, "Cooling apparatus for gas turbine moving blade and gas turbine equipped with same". (Convention No. 253274/1996 on 25-9-96 in Japan).

1792/Cal/97. Matsushita Electric Industrial Co. Ltd., "Improved structure of carrying case for electronic equipment". (Convention No. 8-258805 on 30-9-96 in Japan).

1793/Cal/97. Paradigm Technologies, Inc., "Magnetohydrodynamic sterilization method and apparatus". (Convention No. 08/723,503 on 30-9-96 in U.S.A.).

1794/Cal/97. Samsung Electronics Co. Ltd., "Apparatus for measuring bit error ratio by using a viterbi decoder". (Convention No. 44014/1996 on 4-10-96 in Republic of Korea).

1795/Cal/97. Tadao Uno., "Method for manufacturing passport and device therefor". (Convention No. 9.209327 on 4-8-97 in Japan).

1796/Cal/97. Dip! Ing. K. Dietzel GMBH, "Hose Socket". (Convention No. 196 39 794.4 on 27-9-96 in Germany).

1797/Cal/97. Siemens Aktiengesellschaft, "Mixing of two fluid streams at a compressor". (Convention No. 19639623.9 on 26-9-96 in Germany).

1798/Cal/97. ABB Air Preheater, Inc., "Air preheater heat transfer surface". (Convention No. 725,964 on 4-10-96 in U.S.A.).

1799/Cal/97. ABB Air Preheater, Inc., "Variable sector plate quad sector air preheater". (Convention No. 724,827 on 2-10-96 in U.S.A.).

1800/Cal/97. E. I. DU Pont De Nemours and Company, "Improvements in spinning polymeric filaments". (Convention No. 08/731,541 on 16-10-96 in U.S.A.).

1801/Cal/97. Emitec Gesellschaft Fur Emissionstechnologie MBH, "Honeycomb body with thermal insulation, preferably for an exhaust gas catalytic converter". (Convention No. 19641049.5 on 4-10-96 in Germany).

1802/Cal/97. Kabushiki Kaisha Mihama Seisakusho, "Clamping Band".

1803/Cal/97. (1) Robert Douglas Cryer (2) Benjamin Earl Bulkley. (3) Dale Eugene Laplante (4) James Martin Anderton (5) Alan Granville Jones, (6) Charles Earl Cooper, "Electronic fuel injection, system for a compression ignition engine". (Divided out of Appln. No. 524/Cal/93 antedated to 8-9-93).

26-09-1997

1804/Cal/97. Woodco Manufacturing, Inc., "Air freshner dispensing device". (Convention No. 828,399 on 28-3-97 in U.S.A.).

1805/Cal/97. Philips Electronics N.V., "Data compression and expansion of an audio signal". (Convention No. 96202807.2 on 10-10-96 and 97202137.2 on 11-7-97 in The Netherlands).

1806/Cal/97. Siemens Aktiengesellschaft, "Actuator for a valve of a turbine". (Convention No. 19652721.9 on 26-9-96 in Germany).

- 1807/Cal/97. Siemens Aktiengesellschaft, "Procedure to establish contacts of flipchips of a semi conductor chip with less No. of contact points". (Convention No. 19639934.3 on 27-9-96 in Germany).
- 1808/Cal/97. Siemens Matsushita Components GMBH & Co. KG., "Device for protecting electrical devices against over heating". (Convention No. 19639942.4 on 27-9-96 in Germany).
- 1809/Cal/97. Toyo Engineering Corporation, "Improve urea synthesis process and apparatus therefor. (Convention No. 265969/1996 on 7-10-1996 in Japan; 279472/1996 on 22-10-1996 in Japan; & 234364/1997 on 29-08-1997 in Japan).
- 1810/Cal/97. Euton Corporation, "Sleering control unit". (Convention No. 08/728,229 on 10-10-96 in U.S.).
- 1811/Cal/97. Coronnet-Werke GMBH, "Interdental cleaner and process for its production". (Convention No. 19642431.3 on 15-10-96 in Germany).
- 29-09-1997
- 1812/Cal/97. ICI India Limited, "A inethod for manufacturing an improved water-in-oil emulsion explosive".
- 1813/Cal/97. Daewoo Electronics Co. Ltd., "Electrical connection system for a full erase head assembly of a video cassette recorder". (Convention No. 96-43316 on 30-9-96 in South Korea).
- 1814/Cal/97. Daewoo Electronics Co, Ltd, "Tape tension adjusting device for use in a video cassette recorder". (Convention No. 96-43322 on 30-9-96 in South Korea).
- 1815/Cal/97. Daewoo Electronics Co. Ltd., "Video cassette recorder equipped with a tape tension adjusting device". (Convention No. 96-43323 on 30-9-96 in South Korea).
- 1816/Cal/97. Daewoo Electronics Co. Ltd., "Method and apparatus for encoding a motion vector based on the number of valid reference motion vectors".
- 1817/Cal/97. Daewoo Electronics Co. Ltd., "Video cassette recorder equipped with head drum assembly having a bearing with pumping vanes". (Convention No. 96-43314 on 30-9-96 in South Korea).
- 1818/Cal/97. Tsun Jen Lin, "Pullet Device".
- 1819/Cal/97. Fu-Hsiung Kao. "Bicycle shock absorbing arrangement".
- 1820/Cal/97. Biomolecular Research Institute Ltd, "Cytotoxic peptides". (Convention No. P02659 on 27-9-96 and P02680 on 30-9-96 in Australia).
- 1821/Cal/97. Toyota Jidosha Kabushiki Kaisha, "Brakin; Systeim including motor-driven disc brake equipped with sell-servo mechanism". (Convention No. 8-262965 on 3-10-96; 9-7554 on 20-1-97; 9-80588 on 31-3-97; 9-93970 on 11-4-97 and 9-242679 on 8-9-97 in Japan).
- 1822/Cal/97. Siomens Aktiengesellschaft, "Capacitor with an electrode core and a thin precious metal layer as first electrode". (Convention No. 19640244.1 on 30-9-96 in Germany).
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- 1824/Cal/97. Siemens Aktiengesellschaft, "Integrated semi-conductor memory arrangement". (Convention No. 19640218.2 on 30-9-96 in Germany).
- 1825/Cal/97. Siemens Aktiengesellchaf, "Procedure for production of barrier-free semi-conductor storage arrangement". (Convention No. 19640211.5 on 30-9-96 in Germany).
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- 1831/Cal/97. ABB Flakt Aktiebolag. "A method of introducing and removing workpieces, particularly vehicle bodies, an apparatus and system for the surface treatment of workpieces". (Convention No. 19641048.7 on 4-10-96 in Germany).
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- 2-1-97
- 2/BOM/97. Dilip Shrikrishna Balsare. Right Angle with spirit Levels Plumbbob.
- 3-1-97
- 3/BOM/97 Kwang Yang Motor Co. Ltd. A link mechanism for opening and closing saddle met of motor-cycle intake system.

6-1-97

4/BOM/97 Filterwork Mann & Hummel GMBH Germany priority dt. 12-2-96. Intake system.

5/BOM/97 Jaiprakash Anant Sathe. An improved safety harness for working at height.

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10/BOM/97 Mr. M. S. Walia. Boilers with flat & semi circular Servicing Chamber.

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16/BOM/97 Tipco Polymers Pvt. Ltd. The manufacture of natural fibre composites using an agro-based fibre reinforcement and synthetic thermosetting resins.

17/BOM/97 Bhaosahab Bapurao Nikam. An improved two roll sugarcane crushing mill.

18/BOM/97 Seema Food Products Pvt. Ltd. Multi-purpose Edible Masala.

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29/BOM/97 1. Anand Vasant Ram. 2 Suresh Vasudev Bade. Modular foldable heat sealing machine.

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32/BOM/97 Lupin Laboratories Ltd. An improved regiospecific process for synthesis of acyclic nucleosidea.

33/BOM/97 1. Parvati Vasantdas Gujarathi 2. Vasantdas Gopaladas Gujarathi. Handwriting improvement on paper by. design of lines. (NOTE BOOK).

34/BOM/97 Vipin Champony Shah. An improved power transmission system for I. C. Engines.

35/BOM/97 1. Shri Vallabh Govindlalji Goswami 2. Harshesh K, Shah. A new method and source of creating energy, namely Shri Vallabhbhence energy.

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36/BOM/97 Sudershan Chemical Ind. Ltd. An improved solvent treatment process for the preparation of pigment with enhanced pigmentary properties.

37/BOM/97 Bhaushah Bhanuwan Nikam. An improved inter Carrier Sugarcane Crushing Mill.

38/BOM/97 Hindustan Lover Ltd. USA Priority dt. 22-1-96. Multi-compartment dispenser.

39/BOM, 97 Hindustan Lever Ltd. USA Priority dt, 22-1-96. Pump dispenser.

40/BOM/97 Hindustan Lever Ltd. USA two Priorities dt. 22-1-96, Refillable pump dispenser and refill cart-ridge,

41/BOM/97 Hindustan Level Ltd. U. K. Priorit dt. 25-1-96. Detergent composition.

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43/BOM/97 Crompton Greaves Ltd. A centrifugal pump of fractional horse power.

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44/BOM/97 1. Dr. S. G. Kulkarni. 2. Or. A. S. Veingan- kar. Humidity Sensing Material Using M CU-Zn Ferrites doped with CaC 12 & LiCl,

45/BOM/97 Press Industrial Engg. Ltd. Propeller wind- ing.

46/BOM/97 Research and Design Institute of Carbamide and Organic Synthesis Products. Russia Priority dt. 5-6 96. Process for producing urea.

27-1-97

47/BOM/97 Mr. Geev Kaki Panthaki. Capacity reserve for cooling apparatus.

48/BOM/97 Snohal Kishorial Vasani. A method of com- traction.

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49/BOM/97 Bhimrao Gazaji Tathe. Electric Plough.

50/BOM/97 Indian Oil Corporation Ltd. Atmospheric/LPG gas stove/Burner with verticle mixing Tubes.

51/BOM/97 The testor corp. USA Priority dt. 31-1-96. Paint pouch fitting.

52/BOM/97 Mr. Navneet Prithipal Pruthi. Aerosol spray can adopter.

29-1-97

53/BOM/97 1. Shri Vinod P. Namjoshi 2. Dr. Lulita V. Namjoshi. An improved water level indiceto-Cum-recorder.

54/BOM/97 Kantibhai Zelavadia. Simplified root means square voltage stabilizer.

55/BOM/97 Rajiv Prakash New electrolyte for formation of polyindole for its rechargeable battery application.

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56/BOM/97 Bijani Firozbhai N. Permanent valve for Tube.

57/BOM/97 Ahmedabad Textile Industry's Research Association. A device for controlling the fibre movement in drafting system of rin frame between front roller and spron nip.

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58/BOM/97 Larson & Toubro Ltd. A circuit breaker employing an improved conctect system.

50/BOM/97 Larson & Toubro Ltd. A circuit breaker employing an improved retin error prevention menu*.

60/BOM/97 Vasant Mukund Joshi. Mode selective Internal combustion engine.

61/BOM/97 Hindustan Lever Ltd. U.K. Priority dt. 13-1-96. Process for the production of a detergent composition.

62/BOM/97 Nippon Kavku Co. Ltd. Japan Priority dt. 31-1-96. 2, 3-DI-Substituted, cyclopentanone derivatives, method for production of the compound, and medical use thereof.

63/BOM/97 Nippon Kayku Co. Ltd. Japan Priority dt. 31-1-96. 2, 3-DI-Suhstituted cyclopentanons deriva-tives, method for production of the compound, and medical use thereof.

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64/BOM/97 Amar Nath and Dr. (Smt.) Anjali Jain. A process for getting Kattha (Catechu) from Cashew taste.

65/BOM/97 Devendra Somabhai Naik. Super economical jet Dyeing machine (without basket).

66/BOM/97 H. H. Shri Vallabh Covindlalji Goswami and Harshesh K. Shah. A new method and source of creating newsprint and other WRITABLE OR PRINTABLE base material, namely Shri Vallabh-bhanu paper.

67/BOM/97 Vivek Monteiro. An invention for a method and for making pliaslable (pliable and stable) multi dimensional vectorial connectors to be used in creating one, two and three dimensional geometric configurations.

4-2-97

68/BOM/97 Dr. Harilal Bhaskra Menon. Gurtam (Goa Universtiy Radiative transfer model),

69/BOM/97 Hoechst Marion Roussel Ltd. A process for the production of a novel glucose-6-phosphate trans-lucose inhibifor named, Kodaistatin A from Asper-gillus terreus Thom (Culture Number Y-93 02839. HIL-0.51652) its mutants or valiants.

5-2-97

70/BOM/97 Satish Mohanlal Abad. An improved flow-meter for a writer pipe line.

6-2-97

71/BOM/97 Hindustan Level Ltd. USA Priority dt. 15-2-96. Mild bur compositions comprising blends of higher melting point polyalkylene glycol(s) and lower melting point polyalkylene glycol(s) as processing aids.

72/BOM/97 Hindustan Lever Ltd. USA Priority dt. 23-2-96. Skin treatment with salicyclic acid esters and retinoids.

73/BOM/97 Hindustan Lever Ltd. Edible vegetable fat, com-position.

74/BOM/97 Bhausaheb Bapurao Nikam. An improved sugar cane crushing mill.

7-2-97

74/BOM/97 Anil Kumar Antu. A new type brush.

76/BOM/97 Dhiren Shah. An invention for Board and element set,

11-2-97

77/BOM/97 Agharkar Research Institute. Microbial process for biomobilization of inorganic mercury from water using a streptomycetes species.

78/BOM/97 Agharkar Research Institute. Microbial process for production of multiple enzymes using a thermophilic streptomycetes megasporus strain,

79/BOM/97 GKn Walterscheid GmbH. Germany priority dt. 15-2-96. Lifting rod for the three-point attaching device of a tractor.

80/BOM/97 Filterwerk Mann Hummel GmbH. Germany priority dt. 6-3-96. An invention for filter.

81/BOM/97 Dr. Viswanathan Lakshmanan Chelakara. Mr. Mandar Madhukair Kodgule. Novel orally effective B-adrenoceptor stimulants for use as uterine relaxants in premature labour.

82/BOM/97 Dr. Viswanthan Lakshmanan Chelakara. Mr. Mandnr Madhukair Kodstale. Novel orally effective B-adrenoceptor stimulants for use as uterine relaxants in premature labour.

83/BOM/97 Hindustan Lever Ltd. UK priority dt. 8-7-93. Apparatus for compartmenting a tubular web of sealable material at intervals along its length.

84/BOM/97 Dr. K. T. Lalvani. An invention of a product for management of osteoarthritis and Rheumatoid Arthritic pains in tinmans.

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85/BOM/97 Tutu Engineering and Locomotive Co. Ltd. A composite refractory lining for a coreless induction furnace and a method of making the same.

86/BOM/97 Vishwas Updikar. A modified and improved computer system for data processing by blind/ other handicapped persons.

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87/BOM/97 Bharati Vidyapeeth. A process for making agglomerates for use as or in a drug delivery system.

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- 89/BOM/97 Nmnynn Narsinha Desai. A device for agitating settled solids in a pump working are for improved dredging.
- 90/BOM/97 Haridas Jagannath Patil. A tooth brush cum gum massager.
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- 91 /BOM/97 Sun Pharmaceutical Industries Ltd. Topical antibacterial local anaesthetic combinations.
- 92/BOM/97 Sun-Pharmaceutical Industries Ltd. Topical antibacterial local anesthetic combinations.
- 93/BOM/97 Smt. Susmita Verma. An invention for manufacturing process of detergent soap with sandwiched solid material.
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- 94/BOM/97 Vinod Janardan Paranjpe. Solar water heater.
- 95/BOM/97 Vinayak Narayan Rashinkar. Filter element for kitchen Sink, wash basin and Bathroom outlets.
- 96/BOM/97 Mrs. Lata Chitnis. An educational device for easy teaching/learning CHEMISTRY; understanding of correlation of symbols atomic numbers and properties and uses elements.
- 97/BOM/97 Mrs. Lata Chitnis. An educational device for easy teaching/learning CHEMISTRY; understanding of formula of molecules, both organic and inorganic.
- 98/BOM/97 Mrs. Lata Chitois An educational device for easy teaching/learning CHEMISTRY; understanding of chemical formulae of compounds and their properties.
18-2-97
- 99/BOM/97 Ravi Sawant. On-line water softner tester.
- 100/BOM/97 Ravjibhai M. Savalia, Oil less air compressor.
- 101/BOM/97 Rashmikan Chamanlal Kamat, Process for shaping colouring and veinir articles manufactured from synthetic thermoplastic material to resemble wood, cane, hamboo, reed wicker, rattan, rush, hickory and other natural materials.
- 102/BOM/97 Rashmikan Chamanlal Kamat. Process to manufacture tubular and plank articles from synthetic thermoplastic materials for replacing natural materials in the production of furniture, structures and every kind of ornament.
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- 103/BOM/97 Filterwerk Mann Hummel GmbH. Germany priority dt. 20-2-06. Separating device.
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- 104/BOM/97 Hanamant Krishna Toshi & Mrs. Sumati H. Joshi. An invention for the production of a low aromatic content kerosene by first separating the kerosene into two fractions i.e. Initial Boiling point and to 200°C and 200°C to Final Boiling point and extracting the aromatics from the two fractions separately using respectively sulfolens and furfural as solvents.
- 105/Bom/17 Focal Inc. LISA priority dt. 11-3-96. An improved devices and compositions for accomplishing local radiotherapy.
- 106/BOM/97 Focal Inc. USA priority dt 11-3-96 An improved method of local radiotherapy and devices and compositions for accomplishing local radiotherapy.
- 107/BOM/97 Hindustan Lever Ltd. UK Priority dt. 26-2-96 Anionic detergent particles.
- 108 /BOM/97 Hindustan Level Ltd. UK Priority dt. 26-2-96 Production of anionic detergent particles.
24-2-97
- 109/BOM/97 Shyam Khanna & Amar Lulila. An invention for anti wrinkle and muscle toning a process of preparing herbal composition.
- 110/BOM/97 Shyam Khannu & Amar Lulla. A process of preparing anti-septic herbal composition for fast heating hurns, cuts and like wounds,
- 111 /BOM/97 Shyam Khanna & Amar Lulla. A process of preparing herbal composition for vigour, vitality land general health tonic.
- 112/BOM/97 Rashmikan Chamanlal Kamani . & Deepak Chamanlal Kamani. Process to bind connect and tie manufactured articles resembling wood, cane, bamboo, reed, wicker, rattan, rush, hickory and the like
- 113/BOM/97 Hindustan Lever Ltd. Apparatus and method for producing an assembly of tags and threads.
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- 114/BOM/97 Umesh Pandurang Mitkar. Pickle sauce.
- 115/BOM/97 Umesh Panduriang Mirkar. Green Chutney sauce.
- 116/BOM/97 Dragan Deljanin. Italy priority dt, 31-10-96. A pocket microscope device, with a limited run of the eye-piece and the aimed observation of the sole prepared frame, for the determination of the woman's fertility.
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- 117/BOM/97 Ramakrishna Boja Raju, A self/Gravitational force powered flying car.
- 118/BOM/97 Tata Exports Ltd. A portable wet blue leather area measuring device,
- 119/BOM/97 Filterwerk Mann Hummel GmbH. Germany priority dt. 10-5-96, Air intake system,
- 120/BOM/07 Vipin Chamnsey Shah. An improved power transmission system for J. C. Engines.
3-3-97
- 121/Bom/97. Dr. (Mrs) Sindhu M. Gadgil. A process for manufacture of low calorie spread.
4-3-97
- 122/Bom 191. Filterwerk Mann Hummel GmbH. Germany priority dt. 4-4-96. Section system for a combustion Engine.
5-3-97
- 123/Bom/97, Sintex Industries Ltd. Antistatic composite/plastic flooring sheeting, panelling furniture,
- 124/Bom/97. Sintex industries Ltd. Polymeric cross arm without insulator for over-head distribution lines.
- 125/Bom/97. Metals recycling technologies Corporation. U.S.A. Priority dt. 1 1-5-95. Method for recovering metal and chemical values.
- 126/Bom/97. Jing-Chen Lin & Ming-Chang Ltn. A mean axis of bicycle.
- 127/Bom/97. M/s. Stoplik Services, (I) P. Ltd, Reinforced yarn packing-
- 128/Bom/97. M/s. Stoplik Services (I) P. Ltd. Hollow Yarn packing.
- 129/Bom/97. M/s, Stoplik Services (I) P. Ltd. Packing.
- 130/Bom/97. M/s. Stoplik Services (I) P, Ltd. Packing Seal.

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132/Bom/97. Hindustan Lever Ltd., USA. Priority dt. 21-3-96. Detergent compositions containing diaminoalkyl disulphosuccinated sequestrants,

133/Bom/97. Hindustan Lever Ltd., USA, Priority dt. 6-3-96. Heavy duty liquid detergent composition comprising cellulase stabilization system.

134/Bom/97. Hindustan Lever Ltd., USA. Priority dt. 24-4-96. Synthetic bar composition comprising alkoxylated surfactants,

6-3-97

135/Bom/97. Finproject-S.P A. Italy. Priority dt. 19 4-96. Injection moulding process for soles in expandible and cross-linking "Eva" based compounds.

136/Bom/97. Ursula dorothea Schmidt. Austria Priority dt. 12-3-96. Process and circular knitting machine for manufacturing a patterned pile fabric and pile element therefor.

10-3-97

137/Bom/97. So-Ma. Cl. S. S.P.A., Italy. Priority dt. 13-3-96. System for realising connection jumpers between the tracks of double-sided printed circuit boards.

138/Bom/97. Bhailal Ratansey Gada and Navin Ratansey Gada. Auto strainer (Chock stop).

139/Bom/97. M/s. Time Appliances P. Ltd. Grinder attachment for handheld mixer blender.

140/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked Aurvedic medicinal food-caro-tiza.

141/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked ayurvedic medicinal food-dalmung.

142/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked aurvedic medicinal food mungryza,

143/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked ayurvedic medicinal food-apisup.

144/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked ayurvedic medicinal food-spinathus.

145/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked aurvedic medicinal food-celibram.

146/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked ayurvedic medicinal food-celibram.

147/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked ayurvedic medicinal food-milkogog.

148/Bom/97. M/s. Meam herbal Remedies P. Ltd. Pre-cooked ayurvedic medicinal food-milkogog.

149/Bom/97. Indian Petrochemicals Corporation Ltd. A process for the preparation of a molecular sieve adsorbent for selectively adsorbing methane from a gaseous mixture.

150/Bom/97. Indian Petrochemicals Corporation Ltd. A process for the preparation of a molecular sieve adsorbent for electively adsorbing methane from a gaseous mixture.

151/Bom/97, Indian Petrochemicals Corporation Ltd. A process for the preparation of a molecular sieve adsorbent for selectively adsorbing nitrogen from a gaseous mixture.

13-3-97

152/Bom/97. Wieland-Werke Ag. Metallwerke A multiple finned tube and a process for its manufacture.

153/Bom/97, Hindustan Lever Ltd. USA. Priority dt 18-1-96. Hair care compositions,
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154/Bom/97. Hindustan Lever Ltd. U.K. Priority dt. 15-3-96. Hair care compositions.

14-3-97

155/Bom/97. Lalit Kumar Singhania C/o- Shri Nathulal Singhania. Generating Power, by tapping the solar heat energy, through solar collector pannel by Boiling and Vapourizing low temperature boiling liquids, such as Acetone etc. and Driving the low RPM Alternators, through L.P. Turbine and condensing the vapours through cold water exposed in the night cold atmosphere, in Hills or in Winters.

156/Bom/97. Shri Ashok Patil. Therapeutic treatment of infectious gastroenteritis/Acute diarrhoea utilising one or more strains of lactobacillus reuter.

157/Bom/97. Shri Ashok Patil. New antibiotic designated reuterin, procedure for isolating and cultivating reuterin producing strains of lactobacillus reuteri from animal sources and procedures for isolation, and purification of reuterin.

158/Bom/97. Shri Ashok Patil. The process of preparing beta-hydroxypropional-dehyde for isolating and cultivating reuterin producing strains of lactobacillus reuteri from animal sources from use as an antimicrobial agent.

159/Bom/97. Shri Ashok Patil. The method of treating diarrhoea preferably young patients and the process of preparing therapeutic preparation and the therapeutic preparation used therein.

17-3-97

160/Bom/97. Mukesh Khatri. An improved wheel for castor.

18-3-97

161/Bom/97. Dr. Bhushan Madhukar Khndilkar. Mr. Atul Vijay Khare, Ms. Shaba Dattatraya Bokar Ms. Harsha Jaisinghani. A process for preparing a reagent suitable for the oxidation of alcohols to carbonyl compounds, cyclic ketonesto diketones, isoeugenolto vanillin, diarylmethanes to benzophenones cresol to hydroxy aldehydes and for aromatization of 1, 4-dihydropyridines.

162/Bom/97. Peter S. Albertsson. USA Priority dt. 18-3-96. Golf Swing Trainer.

19-3-97

163/Bom/97. Sanjay S. Goel. Executive CD carrying case

164/ Bom/97. Indian Oil Corporation Ltd, A process for the production of high yield of LPG and light olefins.

21-3-97

165/Bom/97. Ajay Chandak. An improved float valve.

166/Bom/97. Jagdish Mohanlal Joshi. A process of manufacturing mouth refreshing preparation.

167/Bom/97. Narula & Desai Consultancy Service. Improvement in or relating to a process for the production of acetaldehyde by oxidation of ethyl alcohol.

25-3-97

168/Bom/97 Garlock Inc. Albert Harralson-III.

169/Bom/97. Hindustan Lever Ltd. Improved detergent bar composition.

170/Bom/97. Hindustan Lever Ltd. Casting of soft solid shaped articles.

26-3-97

171/Bom/97. Ramesh Bhavan Dengvekar. Propeller for a vehicle, for the movements I.E. Non Conventional reactionless propeller.

172/Bom/97. Nippon Antena Kabushiki Kaisha Japan Priority dt. 3-4-96. Helical antenna, and method for manufacturing same.

173/Bom/97. Perfect pumps P. Ltd. An improved electro magnetic pump.

27-3-97

174/Bom/97. Dr. Rajiv Indravadan Modi. The process for combining organisms with anti infective agent into a formulation.

175/Bom/97. Mr. Chandravadan Khatri. An improved ball pen with rubber stamp.

176/Bom/97. Sanjay Gupta. A computer based perception recording system for continuous recording and displaying the analysis of audience respond.

31-3-97

177/Bom/97. Mr. Yogesh Chandra Tiwari. A method of producing cement

178/Bom/97. Twin Engineers P. Ltd. Meter mix and dispensing machine,

179/Bom/97. Twin Engineers P. Ltd. Conveyorised infr., red reflow machine.

1-1-97

180/Bom/97. Hind Industries. 288 Way Micro-Processor based self printing ticket machine.

181/Bom/97. Ajay Kamani. An improved remote control for electrical/electronics switches.

2-4-97

182/Bom/97. Shri Raghunandan Narayan Rao Mangalwed-bekar. The display Panel Calendar Clock.

183/Bom/97. Hindustan Lever Ltd. Multivalent and Multi-specific Antigen-Binding Protein,

184/Bom/97. Hindustan Lever Ltd. U.K. Priority dt. 2-4-96. Toothbrush.

185/Bom/97. Hindustan Lever Ltd. U.K. Priority dt. 17-4-96. Cleaning Composition.

186/Bom/97. Hindustan Lever Ltd. USA Priority dt. 24-4-96. Bar Composition Comprising Nonionic Polymeric Surfactants as Mildness enhancement Agents.

187/Bom/97. Shri Ravindrakumar Ramjibhai Yadav. Non-revertible nails.

188/Bom/97. Mrs. Bernardene Fernandes. Improved twin track wet shaving razor head/cartridge.

189/Bom/97. Unicon Air Systems Private Ltd. An improved humidifier,

190/Bom/97. Cosmos Pharmaceutical Corporation. A process of manufacturing chemical composition comprising cyclo and bicycle alkenes which have anti-androgenic activity.

191/Bom/97. Cosmos Pharmaceutical Corporation. A process of manufacturing chemical composition comprising cyclo and bicycle alkenes which have anti-androgenic activity.

192/Bom/97. Khbushiki Kaisha SMK Japan Priority dt. 3-10-95. Improved contact tips for use in are welding.

193/Bom/97. C. H. & I. Technologies Inc. USA Priority dt. 8-7-96. Device for removing fluid from a container with pressurized air and thereafter placing the container under vacuum.

3-4-97

194/Bom/97. Larsen & Toubro Ltd. A circuit breaker employing an improved tripping mechanism.

195/Bom/97. The Indian card Clothing Co. Ltd. High population tops for Manmade Fibres.

196/Bom/97. Mintage Consultants Pvt. Ltd. A device for preventing land vehicles from rolling backwards.

197/Bom/97. Hindustan Lever Ltd. USA Priority dt. 28-6-96. Vitamin C delivery system.

198/Bom/97. Hindustan Lever Ltd. USA Priority dt. 14-6-96. Method and composition for skin lightening.

199/Bom/97. Hindustan Lever Ltd. USA Priority dt. 28-6-96. Vitamin C Delivery system,

200/Bom/97. Hindustan Lever Ltd. UK Priority dt. 12-4-96. Antimicrobial Hair Treatment Composition.

4-4-1997

201/Bom/97. Marketing Displays Inc. Illuminated canopy system.

202/Bom/97. B. C. S. Security Products Pvt. Ltd. A process of elastomeric paints film/skin forming on any & all types of solid surfaces in permanent & semi permanent & pillable bonding type.

203/Bom/97. Stoplik Services India Pvt. Ltd. A Novel Therapeutic Anti-inflammatory and Analgetic pharmaceutical composition and a Process for the manufacture thereof.

204/Bom/97. Hindustan Lever Ltd. Cleaning Process.

205/Bom/97. Hindustan Lover Ltd. USA Priority dt. 26-6-96. Additive composition for delivering benefit agent and bar compositions comprising said additive.

206/Bom/97. Hindustan Lever Ltd. Process for the preparation of a food product.

207/Bom/97. Hindustan Lever Ltd. U.S.A. Priority dt. 12-4-96 & 19-8-96. Amido and imidoperodycarboxylic acid bleach granules.

208/Bom/97. Hindustan Lever Ltd. Detergent composition.

7-4-97

209/Bom/97. Venkatesh Rauganath Nevrekar. Gate Valve.

210/Bom/97. Shri Ashok Patil, Method of treating cryptosporidia infected animals with lactobacillus Reuteri.

211/Bom/97. Shri Ashok Patil. Method of reducing symptoms associated with cryptosporidia cryptosporidium infection reducing therapeutic concentration.

212/Bom/97. Ritesh Yudhishtir Garg. Manufacturing process of cholesterol and cholesterol free pure ghee from pure ghee.

9-4-97

213/Bom/97. Kamal Kumar Nanubhal Vyas. An Improved Micronizer.

214/BOM/97. Lawrence Edward Delong. A continuous process and apparatus for producing micronized mineral/organic material,

215/Bom/97. Lawrence Edward Delong. A molecular accelerator for continuously reducing the size of a material.

216/Bom/97. Lawrence Edward Delong. A bottom cut classifier for swparating different microsizes of material,

10-4-97

217/Bom/97. Anand Yashwant Bapat. An improved audio visual display medium.

218/Bom/97. Ems-Invents Ag. Germany priority dt. 20-12-96. A process for the production of polyester Multifilament yarn.

219/Bom/97. Gopesh Trading Pvt. Ltd. The device for cutting fruits, vegetables or the like into slices.

11-4-97

220/Bom/97. Nisshinbo Industries Inc. Japan Priority dt. 12-4-96. Method for forming durable creases in cellulosic fiber textile.

221/Bom/97. Tridelta Industries Inc. Electronically commuted switched reluctance machines.

15-4-97

222/Bom/97. Shri Ravindrakumar Namjibhai Yadav. Improvement in and relating to the curing of reinforcement concrete.

223/Bom/97. Shri Ravindrakumar Namjibhai Yadav. An improvement and relating to tiles and its laying system.

224/Bom/97. Rajju Devidas Shroff. A container with talking and moving device.

225/Bom/97. Hindustan Lever Ltd. USA Priority dt. 25-4-96. Skin care composition containing melinamide and a retinoid.

226/Bom/97. Hindustan Lever Ltd. USA Priority dt. 25-4-96. Skin care compositions containing fatty acid amides, alcohols and retinol or retinyl ester.

227/Bom/97. Ghansyam Shankar Tasgaonkar. Pressure Cooker.

228/Bom/97. Priyal Khanderao Kulkarni & Vaidehi Anand Deshpande. An improved sterilizer for medical injection needles, syringes and surgical tools.

229/Bom/97. Hind Industries. Multi way, unmanned, coin operated Micro-processor based self printing ticket machine.

17-4-97

230/Bom/97. Dr. (Mrs.) Meena Bhadur and Dr. Shishir Chandra Bhaduri. Small length tubular restrictor as an expansion device for domestic refrigerator or like and the refrigerator or like incorporating the said restrictor.

231/Bom/97. Dr. (Mrs.) Meena Bhaduri and Dr. Shishir Chandra Bhaduri. Small length tubular restrictor is an expansion device for Air-Conditioner and like incorporating the said restrictor.

21-4-97

232/Bom/97. Lupin Laboratories Ltd. Ayurvedic formulation from Amla and Ritha.

233/Bom/97. Filterwerk Mann+Hummel GmbH. Germany priority dt. 8-5-96. Oil fog separating element.

234/Bom/97. Mr. Prabhunath Pandey & Mr. Gulam Nabi Mahmood Shaikh. An improved magneto hydro dynamics device and fluid conditioning therefrom.

235/Bom/97. Shri Ravindrakumar Ramjibhai Yadav. Improvement in and relating to reinforcing bars for reinforcement concrete.

236/Bom/97. Unichem Laboratories Ltd. A novel process for the manufacture of 1, 4-Dihydro-4-oxo-7-substituted piperazinyl-quinoline-3-carboxylic acids and its salts from a novel source.

237/Bom/97. Unichem Laboratories Ltd. A novel process for the manufacture of M.-[2-(diethylamino)]-4-nitro-2-phenylpyrrolidine-thane-sulfonamide and its acid addition salts, from a novel source.

22-4-97

238/Bom/97. Supreme Oriented Films Limited. Solar control film with high visibility and reduced transmission of solar energy for use in reducing interior, heating of the rooms or automobiles

239/Bom/97. Ems-Invents Ag. Germany priority dt. 23-3-97. A method for the direct chemical modification of (Co) Polyesters.

240/Bom/97. Mr. Subhash Kamal & Dr. Varsha Subhash Kamal. Soak liquor terminator & Process/method for recovering chemical values & treating effluents.

241/Bom/97. Mr. Subhash Kamal & Dr. Varsha Subhash Kamal. Solid Waste Gasifier.

242/Bom/97. Er. Deep Chandra Jain, An air cooling apparatus and process of evaporative cooling.

23-4-97

243/Bom/97. Mitsui Petrochemical Industries Ltd. Japan Priority dt. 26-4-96. Porous film of high strength polypropylene and process for producing same.

244/Bom/97. Stephen Charles Mc-Cabe. An improved shower rose assembly.

245/Bom/97. Innomedia Technologies Private Ltd. A set-top device which receives TV programmes and digital hyper-books from a cable-TV, allows them to be interactively selected/viewed and controls attached such as TV, VCR and Telephone.

246/Bom/97. Innomedia Technologies Private Ltd. A device (TV Model) for high speed transfer of multimedia data over TV channels by optimally separating the data into lossy and accurate components.

247/Bom/97. Innomedia Technologies Private Ltd. A device for generating interactive channels at a cable TV head-end allowing users on the cable-TV network to interact using just their TV and a Telephone.

248/Bom/97. Lab. S. A. USA Priority dt. 23-4-96. Control system and method for cleaning and operating gas cleaning devices and systems.

24-4-97

249/Bom/97. Babybhal Nanubhai Patel, Propoller cum lifter.

250/Bom/97. Mohammed Gafal Bhai Chavda. Manufacturing of glycerine from starch.

251/Bom/97. Delphai Systemsimulation GmbH. Germany priority dt. 25-4-96. Method for classifying and recognising patterns.

25-4-97

252/Bom/97. Indraneel Ahluwalia & Amitabh Varma. Synchronous Carriers Modulators,

253/Bom/97. Hindustan Lever Ltd. U.K. Priority dt. 23-5-96. Detergent Composition.

254/Bom/97. Hindustan Lever Ltd. Tea Processing.

255/Bom/97. Hindustan Lever Ltd. Low Temperature food Product.

256/Bom/97. Hindustan Lever Ltd. USA Priority dt. 30-4-96. Sulfanilic acids as bleach catalysts.

28-4-97

257/Bom/97. Hindustan Lever Ltd. Improved cooling system.

258/Bom/97. Universal standup pouch Industries. A Pouch.

259/Bom/97. Polychem Limited. Improved non return valve.

260/Bom/97. Thermax Limited. An improved process for treating industrial waste water.

261/Bom/97. Thermal Limited. An improved heat transfer equipment system.

262/Bom/97. Walchandnagar Industries Limited. A self driven bidirectional crop orienting three wheeler harvester.

263/Bom/97. Sun-Moon Chemical Pvt. Ltd. A process for the isolation of 10-deacetyl baccatin-III (10-DAB) from *Taxus* species.

264/Bom/97. Virendra Amritlal Shah and Atul Amritlal Shah. Negotiable Instruments.

265/Bom/97. Virendra Amritlal Shah and Atul Amritlal Shah. A self inking stamp with locking means.

29-4-1997

266/Bom/97. Rifox Engineering (India) Private Ltd. An improved Thennodynamic steam/gas. trap.

267/Bom/97. Navin Asu Chheda & Hareesh Vasantrai Gandhi. An improved shock protector switch.

268/Bom/97. Outokumpu Technology OY. Method and apparatus for creating controlled flows in two mutually seperable solutions.

269/Bom/97. Outokurapu Technology OY. Method and apparatus for creating controlled flows in two mutually separable solutions.

270/Bom/97. Outokumpu Techlonogy OY. Method and apparatus for recirculating.

271/Bom/97. Outokumpu Technology OY. Method and apparatus, tor conducting the two solutions of Liquid Liquid extraction, mixed into dispersion, in a controlled fashion into the separation part,

272/Bom/97. Dainabot company Ltd. Japan priority date 2-5-96. Immunochromatographic Assay Device.

273/Bom/97. Lin Jin-Chen. & Lin Ming-Chang. A Hub Assembly of Bicycle.

30-4-1997

274/Bom/97. Charak Pharmaceuticals (India) Ltd. A bottle closure.

275/Bom/97. Anuj Kumar Baradia. Cap for Bulbs.

276/Bom/97. M/s. Stoplik Services (I) Pvt. Ltd. Low compression Packing.

277/Bom/97. Birla Research Institute for applied science. An improved process for the preparation of cellulose solution for spinning of fibres, filaments or films therefrom.

2-5-1997

278/Bom/1997. Suresh Anandrao Salunka. An important four stroke single cylinder diesel engine.

279/Bom/1997. Priyal Khanderao Kukarni & Pushkar Vijay Kulkarni. An improved stove to burn pulverised, bio mass fuel.

5-5-1997

280/Bom/1997. Dr. Rajiv Kumar. Process for removal of hydrogen sulphide and carbon dioxide,

281/Bom/1997. Cheil Jedang Corporation. A process of highly pure crystalline form of cefuroxime axetil.

282/Bom/1997. Kestrel SA, Convention Priority South Africa dt. 3-5-1996. Safety Syringe.

283/Bom/1997. Hindustan Lever Ltd. USA Priority date 10-5-96. Water-in-oil Emulsion spread.

6-5-1997

284/Bom/1997. Hindustan Lever Ltd. UK Priority dt. 9-5-96, Insect-repellent composition comprising anti-microbial agents and nonionic surfactant.

285/Bom/1997. Dr. Deodatta Sitaram. Bhdalikar. A process of preparing herbal composition for regeneration/revitalization/regrowth of hair.

286/Bom/1997. Mr. Niranjana Jayantilal Tolia. Felxicon-tainer..

287/Bom/1997. Shri Yeshawantrao Anandrao Gavano Patil. A method of producing dehydrated food products.

288/Bom/1997. Rajiv Prakash, Vibha Rani, K. S. V. Santhanam & N. Somnathan. New light emitting diode using conducting Polymers, copolymers having the electrochemically deposited electron injector.

289/Bom/1997. Rajiv Prakash & Vibha Rani. Sending devices based on electrochemically synthesised Polyindole and its derivatives from novel electrolyte-

8-5-1997

290/Bom/97. Kakoh Kiki Company Ltd. Japan priority dt. 30-5-96, Cutter knife for thermoplastic resin pelletixer and production method of said cutter knife.

291/Bom/97. Filterwerk Mann+Hummel GMBH. Germany priority dt. 8-5-96. Suction device for internal combustion engines.

292/Bora/1997. Nitin Mahajan A Composition.-

293/Bom/1997. Nitin Mahajan. An Plastic collapsible Container.

294/Bom/1997. Nitin Mahajan. An imporoved needle cover.

295/Bom/1997. Nitin Mahajan. A Bag.

296/Bom/1997. Nitin Mahajan. A Process.

9-5-1997

297/Bom/1997. Avinash Laxman Keskar. A device for destroying syringes and needless.

12-5-1997

298/Bom/1997. Dr. N. S. Subramaniam. A pressure—tight container for use inside pressure cooker for streilizing articles with dry steam and for cooking foods with dry steam.

1-5-1997

299/Bom/1997. Tanaji Dagadu Katkar. Pneumatic displacement pump.

15-5-1997

300/Bom/1997, Wan Sing NG & Ming Yeong Teo. A computerised boundary estimation in medical images.

301/Bom/1997, E-Systems Inc USA Priority dt. 16-5-96. Heat spreader system and method for cooling heat generating components.

302/Bom/1997. Ramesh Patel, Dr. Arvind Vaidya & Vasant Chitals. A Plant and method for method for treatment or effluents.

303/Bom/1997. Chandrakant Shrihari Pawar, Improved plant and process for treating mud in sugarcane industry to extract maximum sugar without employing vacuum,

304/Bom/1997. Vinaykumar Kabra. A process to make anti-malarial drug containing chloroquine phosphate in a two component single dose pack.

16-5-97

305/Bom/97. Robert Kolasinski. A plastic bee-bive box to breed honey-bees for collecting honey and other bee product,

19-5-97

306/Bom/97. Hallmark Engineers. Extrusion Die for forming of aluminium collapsible tube,

307/Bom/97. Hindustan Lever Ltd. U.K. Priorty dt. 12-7-96 & 23-5-96. Fabric conditioning composition.

- 308/Bom/97. Hindustan Lever Ltd. Method for preservation.
309/Bom/97. Hindustan Lever Ltd. Bleach Activation.
310/Bom/97. Mr. Jimmy Sorab Cateenwala. An improved seal,

20-5-97

- 311/Bom/97. Hyderabad (Sind) National Collegiate Board. A process of manufacturing a transdermal drug delivery system and a transdermal drug delivery device for use in smoking cessation.
312/Bom/97. Hyderabad (Sind) National Collegiate Board. A process of manufacturing an anti-depressant based transdermal drug delivery device for use in depressive illness.
313/Bom/97. Hyderabad (Sind) National Collegiate Board. A process of manufacturing an anti-depressant based transdermal drug delivery system.
314/Bom/97. Hyderabad (Sind) National Collegiate Board. A process of manufacturing a transdermal drug delivery system for use in smoking cessation.

21-5-97

- 315/Bom/97. Venuturupalli Atchut Ram Raju, Live bottom strainer for ion exchange device.
316/Bom/97. Vimuturiipalli Atchut Ram Raju. Ultra Violet water purifier.

23-5-97

- 317/Bom/97. P. I. Budhabhatti. Transmitting and receiving signals through an optical, ring and its sensors or any rotary, body or rotary machine.
318/Bom/97. Dr. Y. K. Hamied, Mrs. Geena Malhotra & Dr. V. G. Nayak. Pharmaceutical composition and method of preparing it.
319/Bom/97. Nisshinbo Industries Inc. Japan Priority dt. 23-5-96 Shrink-proof treatment of cellulose fiber textile.

26-5-97

- 320/Bpm/97. Anirudha Shivprasad Bhagat & Shakuntala Anirudha Bhagat. An improved connector for connecting members of a structure, machine or the like.
321/Bom/97. Institute for Plasma Research. A process for producing Zirconia, ZrO_2 from Zircon sand zrsio.
322/Bom/97. Lupin Laboratories Ltd. An Improved process for the manufacture of 3-hydroxy-3-cephem derivatives.

28-5-97

- 323/Bom/97. Hindustan Lever Ltd, U.K. Priority dt. 12-6-96 & 14-3-97. Improvements relating to lavatory cleaning blocks.
324/Bom/87. Hindustan Lever Ltd. Manufacture of a frozen food product.
325/Bom/97. Hindustan Lever Ltd. Improvements in or relating to processing of soluble tea solids.
526/Bom/97. Hindustan Lever Ltd. Bar composition comprising copolymer mildness actives.
327/Bom/97. Sudhir Sadashiv Natekar. Automatically creating/generating continuous oscillations to perform desired functions.
328/Bora/97. Bio-Plexus Inc. USA Priority dt. 21-6-96. Disposal system for contaminated medical products.

29-5-97

- 329/Bom/97. Hindustan Lever Ltd. A multi-cavity dispensing refill cartridge.

- 336/Bom/97. Aquaform Inc. USA Priority dt. 15-5-96. Apparatus and method for hydroforming apparatus.

- 331/Bom/97. Aquaform Inc. USA Priority 15-5-96. Sealing unit for hydroforming apparatus.

- 332/Bom/97. Indon Healthcare Ltd. Finland Priority dt. 30-5-96. A plastic Skeleton of intrauterine device.

- 333/Bom/97. Dr. Ramesh Tribhuvandas Doshi. A process of preparing in situ compost, by using organic garbage oven at the same premises where the garbage is generated for agricultural produce in urban areas.

ALTERATION OF DATE

- | | | |
|--------------|-------|--------------------------|
| 179718 | filed | on 29-6-1990 |
| (481/Del/87) | | Ante dated 4-6-1987 |
| 179720 | | filed on 9-7-1990 |
| (686/Del/90) | | Ante dated to 4-6-1987 |
| 179725 | filed | on 7-9-1989 |
| 1802/Del/89) | | Ante dated to 21-10-1986 |

COMPLETE SPECIFICATION ACCEPTED

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The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदन में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो एक 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदन एक महीने की अवधि से अधिक न हो, के भीतर अभी भी नियंत्रक, एकत्र के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972

के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियां की आपूर्ति भेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर एवं 2 से गुणा करके, (वर्गीकृत प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 126 C 179701
Int. Cl. :⁴ G 01 R 11/52; 19/25.

A DEVICE FOR MEASURING DIRECTLY THE REACTIVE CURRENT IN A SINGLE-PHASE AC CIRCUIT.

Applicant : DR. RAMASWAMY NATARAJAN., C/o Mr. M. SABAPATHY, 272 KOTTUR ROAD, POLLACHI-642-001. TAMILNADU, INDIA, AN INDIAN CITIZEN.

Inventor : 1, Dr. RAMASAMY NATARAIAAN, INDIA.

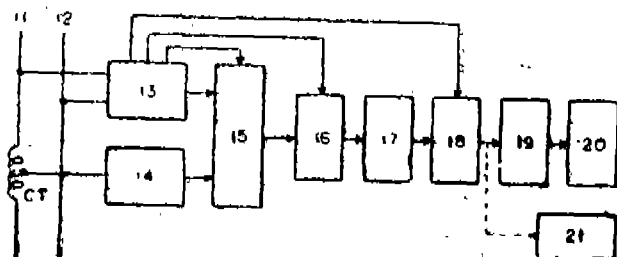
Application No. 130/Mas/91 filed 18th February 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

2 Claims

A device for measuring directly the reactive current in a single-phase ac circuit comprising a first detector for sensing the zero crossing of the ac voltage of a single phase ac circuit to identify the time for measuring the maximum reactive current component, a second detector for sensing the ac current through the single phase circuit in order to measure the maximum reactive current component at every voltage zero detected by first detector, a third detector to produce digital output proportional to the analog reactive current sensed at every voltage zero using first and second detectors, and a fourth detector to produce a digital output of the equivalent reactive current sensed through the above means in digital form synchronized with the timing signal produced from the ac voltage input displaying the signal on an analog meter or digital readout directly as herein described.

Agent : L.S. Davar & Co.,



(Com. : 19 pages;

Drwgs. : 3 Sheets)

Ind. Cl. : 32A3

179702

Int. Cl. :⁴ C 09 B 49/00.

A PROCESS FOR THE PRODUCTION OF AN AQUEOUS DISPERSION OF AN OXIDIZED SULPHUR DYE OF IMPROVED PURITY.

Applicant: CLARIANT FINANCE (BV1) LIMITED., OF CITCO BUILDING, WICKHAMS CAY, P.O. BOX 662, ROAD, TOWN, TORTOLA, BRITISH VIRGIN ISLANDS, A BRITISH VIRGIN ISLANDS BODY CORPORATE.

Inventor: 1. LASZLO A. MESZAROS, U. S. A.

Application No. 134/Mas/91 filed 19th February 1991.

Convention dated: 21st February 1990; No. 9003914.0; Gr. Britain.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

A process for the production of an aqueous dispersion of an oxidized sulphur dye of improved purity, which is substantially free of inorganic sulphides, the said process comprises subjecting an aqueous inorganic salt-containing suspension of oxidized sulphur dye particles, which are at least 0.01 um in size and the majority of which have a particle size no greater than 20 um, to a membrane separation treatment through a porous membrane having a pore size which prevents passage therethrough of the sulphur dye particles while permitting passage therethrough of water and in-organic salts said treatment being carried out at a temperature in the range of 15 to 50°C and a pH in the range of 3.5 to 8.5.

Agent: Depenning & Depenning.

(Com. 19 pages;

Drwgs.—Sheets)

Ind. Cl. : 93 E₂ G

179703

Int. Cl. :⁴ H 05 B 6/46.

AN IMPROVED METHOD OF MANUFACTURING PLASTIC ARTICLES AND A DEVICE FOR MAKING THE MOLTEN PLASTIC FOR THE MANUFACTURE OF PLASTIC ARTICLES.

Applicant: COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN-MICHELIN & CIE, OF 12, COURS SABLON, 63040 CLERMONT-FERRAND, CEDEX FRANCE, A FRENCH COMPANY.

Inventors:

1. JACQUES GOTTEBESSIS, FRANCE
2. ALAIN GERMAIN, FRANCE.

Application No. 135/Mas/91 filed on 19th February 1991.

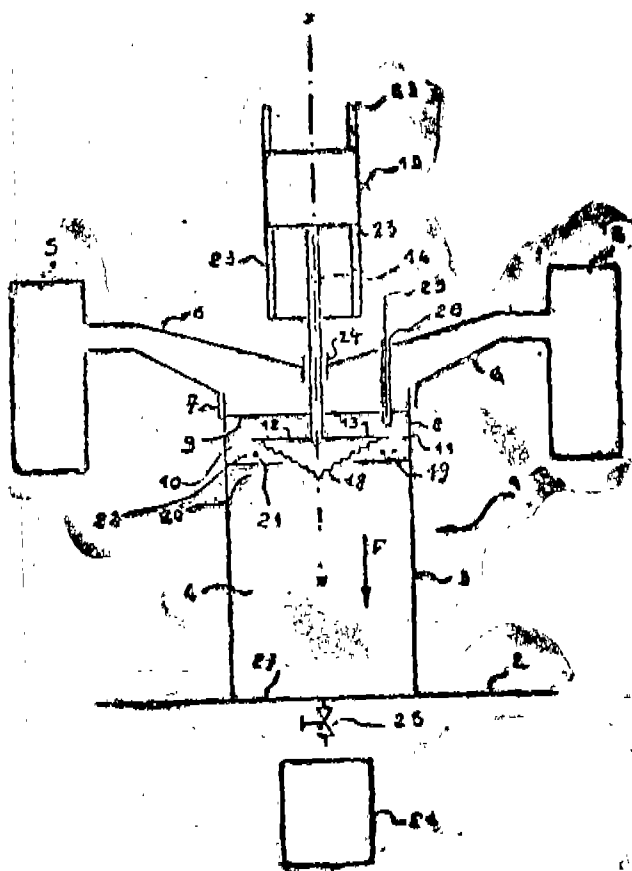
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

16 Claims

An improved method of manufacturing Plastic articles by preparing molten plastic material for making the plastic articles and making the articles in a conventional manner such as moulding the improvement comprising preparing molten plastic material by (a) filling the solid organic material (4) for making the plastic articles in a metal receptacle (3) which is attached to at least one waveguide (6); (b) directing microwaves through said waveguide (8) (6) for the electromagnetic field of these waveguides to make direct contact with the free upper surface (9) of the solid organic material, end melting of the upper part (10) of the solid organic material (4) forming an upper liquid layer (11); (c) eroding part of the material (4) which is still solid and is in contact with the liquid (11) to obtain particles (21) of the solid organic material (4) suspended in the liquid and agitating suspension (22); (d) progressing the erosion and agitation towards the bottom of the receptacle (3) at the same time as the melting of the material (4) advances, while the electromagnetic field is continued to be fed in contact with the free surface (9)

of the liquid (11) at least during a part of the melting time;
(e) removing the melten material (4) from the receptacle (3) when it is completely melted.

Agent: Depenning & Depenning.



(Com. 20 pages;

Drawing 2 sheets)

Ind. Cl.: 127-1 & 162

179704

Int Cl.⁴: B 65 H 75/00.

B 66 D 1/40.

A WINDING MACHINE FOR WINDING AND UNWINDING A CABLE ON OR FROM A FLANGED DRUM.

Applicant: NOKIA-MAILLEFER HOLDING S.A., AA SWISS COMPANY, OF ROUTE DU BOIS, CH-1024 ECU-BLENS, SWITZERLAND.

Inventor: GUSTAF LINDEROTH, SWEDEN.

Application No.: 136/Mas/91 dated February 19, 1991.

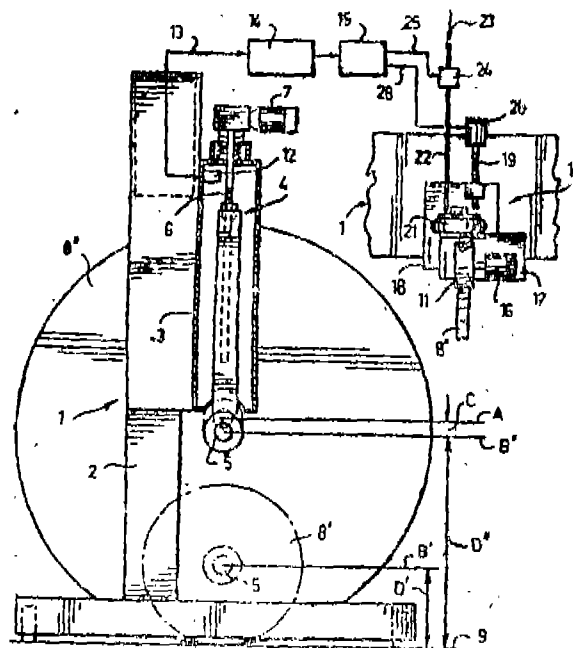
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A winding machine for winding and unwinding a cable on or from a flanged drum, said machine comprising a support frame, two gripping pins, each of which is vertically displaceable in the support frame and disposed to coaxially grip one flange of the drum, power means for vertically displacing the gripping pins between a lower gripping position and a fixed upper winding position to lift the drum of a floor plane, said lower position variable in accordance with the

diameter of the flange of the drum, and rotating means supported by the support frame for rotating the drum, said rotating means comprising a rotatable and displaceable drive wheel, adjusting means for moving the drive wheel to an operating position against the flange of the drum, pressure means for pressing the drive wheel against the flange of the drum, a detecting means for determining the vertical distance of at least one of the gripping pins from the floor plane when it is in its lower gripping position for axially gripping the drum a an indication of the diameter of the flange of the drum and control means responsive to said distance determine by the detecting means for activating, based on the diameter of the drum's flange, both the adjusting means of the drive wheel to move the drive wheel to an appropriate operating position against the flange of the drum, and the pressure means to regular the pressure of the drum wheel against the flange of the drum with a force related to the diameter of the drum's flange.

Agents: M/s, DePenning & DePenning.



(Com. 14 pages;

Drwgs. 2 sheets)

Ind. Cl.: 32-B

179705

Int. Cl.⁴: C 07 C 2/00; 13/00.

PROCESS FOR THE SYNTHESIS OF (METHYLBENZYL) XYLENE OLIGOMERS.

Applicant: ATOCHEM, A FRENCH BODY CORPORA-
TE, OF 4 & 8 COURS MICHELET, LA DEFENSE 10.
92800 PUTEUX, FRANCE.

Inventors:

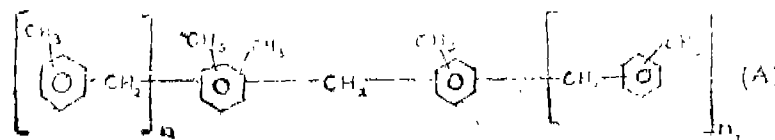
- (1) RAYMOND COMMANDEUR, FRANCE.
- (2) NOELLE BERGEF, FRANCE.
- (3) PIERRE JAY, FRANCE.

Application No.: 141/Mas/91 dated February 20, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

An improved process for the synthesis of a (methyl benzyl) xylene oligomer of formula A



in which n_1 and n_2 independently —0, 1 or 2 such that $n_1 + n_2$ is less than or equal to 3, characterised in that condensing methyl benzyl chloride with xylene or a lower oligomer of (methyl benzyl) xylene in the presence of a Friedel and Crafts catalyst, and separating the oligomer obtained by known means.

Ref. cited : Europatent No. 306, 398 & 250, 748.

Agents : M/s. DePenning & DePenning.

(Com. 18 pages)

Ind. Cl. : 206 E

179706

Int. Cl.⁴: H 01 L 41/00.

DIRECT CURRENT TRAVELING WAVE MOTOR.

Applicant : ROCKWELL INTERNATIONAL CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, USA, OF 2230 EAST IMPERIAL HIGHWAY, EL SEGUNDO, CALIFORNIA 90245 U.S.A.

Inventor:- GORDON WALTER CULP, U.S.A.

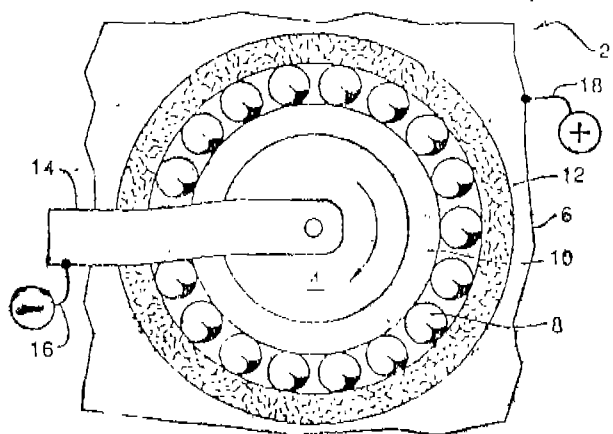
Application No. : 148/Mas/91 filed 21st February, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A direct current travelling wave motor comprising a first layer of material connected to a first electric potential; a second layer of material connected to a second electric potential having a polarity opposed to that of said first electric potential; at least one rolling element disposed between and in electrical and frictional contact with said first and second layers; at least one of said first layer, said second layer, and said, rolling element comprising shear-deformable material that experiences shear deformation in response to an electric field generated in said shear-deformable as a result of said electrical contact; and a travelling wave formed by shear deformation causing said rolling element to roll as said wave travels with the electrical contact of said rolling element, the frictional contact between said rolling element and said layers causing motion of said first layer relative to said second layer.

Agent : DePenning & DePenning.



(Com. 16 pages:

Drwgs. 1 sheet;

Ind. CL : 63 I

179707.

Int. Cl.⁴: B 06 B 1/10; H 02 K 57/00.

PIEZOELECTRIC MOTOR.

Applicant: ROCKWELL INTERNATIONAL CORPORATION A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A., OF 2230

FAST IMPERIAL HIGHWAY, EL SEGUNDO, CALIFORNIA-90245, U.S.A.

Inventor: 1.GORDON WALTER CULP, U.S.A.

Application No. 149/Mas/91 dated 21st February 1991.

Appropriate Office for Opposition Proceedings (Rule- 4, Patents Rules, 1972), Patent Office, Chennai Branch.

12 Claims

A piezoelectric motor, comprising:

a motor housing;

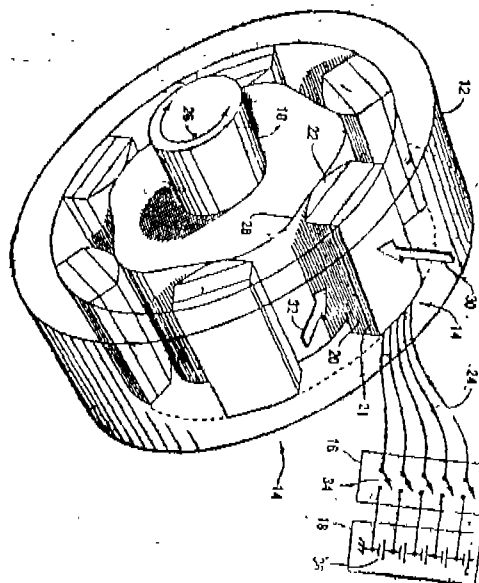
A motor shaft having an axis and a surface with a plurality of sloped undulations, said shaft extending within said housing and rotatable about its axis;

at least two piezoelectric actuators rigidly fixed within said housing;

activating means connected to said actuators for inducing said actuators to move radially applying a radial force toward the axis of said shaft, said actuator directly contacting the sloped undulation of said shaft surface, the sloped undulation translating the radial force into tangential force to rotate said shaft;

wherein the actuators are positioned such that at least one actuator is in force applying contact with a sloped undulation of said shaft surface at all times.

Agent : M/s. DePenning & DePenning.



(Com. 16 pages;

Drwgs. 2 sheets)

Ind. Cl. :

172-C₉

179708

Int. Cl.⁴: D 01 G 9/08.

CLEANING MACHINE FOR TEXTILE FIBRES.

Applicant : MASHINENFABRIK, RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF WINTERTHUR, SWITZERLAND.

Inventor: PAUL STAEHEH, SWISS.

Application No. 157/Mas/91 dated February 26, 1991.

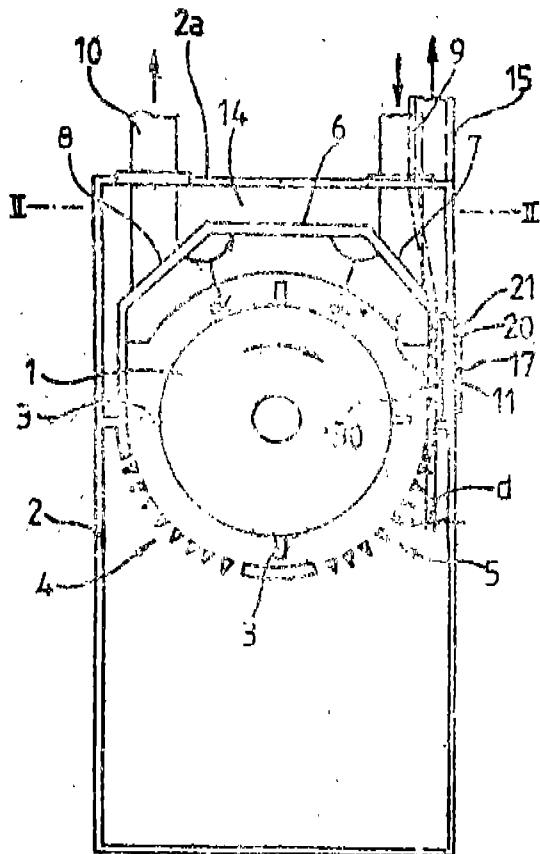
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

A cleaning machine for textile fibres conveyed in a conveying air stream comprising horizontal roller (1) provided with

beater elements (3), bar grates (4, 5) being arranged on the lower side of said roller and an inlet (9) being arranged over the upper side of said roller at its one end and outlet (10) for the conveying air stream charged with fibre flocks being arranged at the other end, characterized in that a substantially vertical air-permeable and dust-permeable wall (30) is provided in front of the bar grate arrangement (4, 5) in the conveying direction of the textile fibres, which wall is part of a low-pressure chamber (20) to which a suction conduit (15) is connected.

Agent: M/s DePenning & DePenning.



(Com. 10 pages:

Drwgs. 1 sheet)

Ind. Cl. : 50 E

179709

Int. Cl.⁴ : F 04 C 18/02.

A SCROLL MEMBER ASSEMBLY FOR USE AS AN ORBITING SCROLL MEMBER IN COMBINATION WITH A SCROLL TYPE COMPRESSOR.

Applicant : TECUMSEH PRODUCTS COMPANY, A US COMPANY, OF 100, EAST PATTERSON STREET, TECUMSEH, MICHIGAN 49286, U.S.A.

Inventor : HUBERT RICHARDSON (USA).

Application No. 004/MAS/1992 filed on 6th January, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972); Patent Office Chennai Branch.

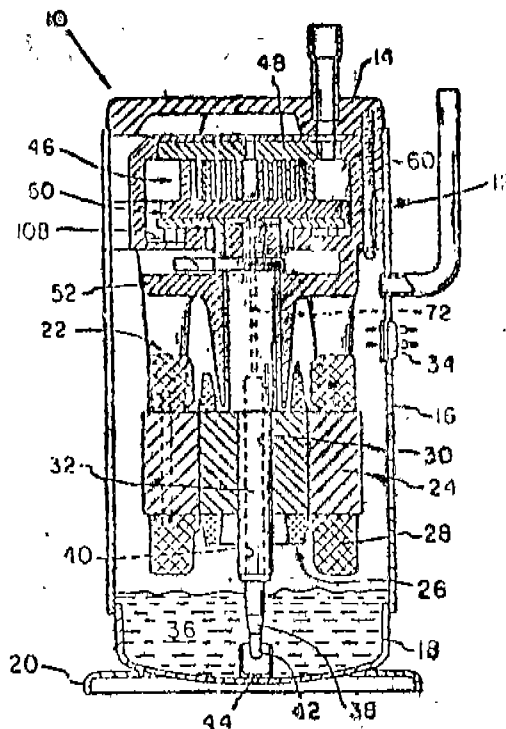
11 Claims

A scroll member assembly for use as an orbiting scroll member in combination with a scroll-type compressor comprising: a scroll plate (78) having a face surface (80) and back surface (84) said face surface having an involute wrap (82) thereon: a drive plate (92) having a mounting surface (94) and hub surface (96), said hub surface adapted for coupling and being driven by the drive mechanism (22)

3-337 GI/97.

of the compressor, characterized by a plurality of connecting pins (100) extending between and being axially received within corresponding axially aligned holes (86, 98) in said scroll plate and said drive plate, one of first and second ends of each of said plurality of connecting pins (100) being received within its corresponding hole (86, 98) by an interference fit, and said other of said first and second ends of each of said plurality of connecting pins being loosely received within its corresponding hole, thereby permitting transverse movement of said scroll plate & (78) relative to said drive plate (92), such that said scroll plate is permitted to move axially and radially relative to said drive plate; an annular seal groove (88), formed in said back surface of said scroll plate; an annular seal element (90) at least partially disposed within said seal groove and sealingly contacting against said back surface of said scroll plate to define a substantially sealed chamber (130) intermediate said scroll plate and said drive plate; and a port (74) extending through said drive plate to provide fluid communication between said sealed chamber and said hub surface of said drive plate, whereby pressurized fluid may be introduced into said sealed chamber.

Agent : M/s. DePenning; & DePenning.



(Comp. Specn. 24 pages:

Drwngs.

3 sheets.)

Ind. Cl. : 32 B

179710

Int. Cl.⁴ : C 07 C 2/00.

PROCESS FOR THE SYNTHESIS OF A MIXTURE OF METHYLATED AND BENZYLATED DERIVATIVES OF DIPHENYIMETHANE.

Applicant : ATOCHEM A FRENCH BODY CORPORA-
RATE OF 4 & 8 COURS MICHELET, LA DEFENSE 10,
92800 PUTEAUX, FRANCE.

Inventors :

1. RAYMOND COMMANDEUR, FANCE.
2. NOELIE BERGER FRANCE,
3. PIERRE JAY, FRANCE.

Application NO. 160/MAS/91 filed February 26, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Chennai Branch.

7 Claims

Process for the synthesis of a mixture of methylated and benzylated derivated of diphenylmethane comprising benzyl-toluene benzylxylene, (methylbenzyl) toluene and (methylbenzyl) xylene, said process comprising the steps of partial free-radical chlorination at a temperature of 50°C to 110°C of a mixture of toluene and xylene; monitoring the reaction until 10 to 30 mol % of the xylene and toluene mixture is converted into the corresponding chlorinated derivative subjecting the resulting mixture to a condensation reaction at a temperature of 30°C to 110°C in the presence of a Friedel-Crafts condensation catalyst, and recovering the product mixture thereafter,

Ref. Cited :

Indian Patent application No. 159/MAS/91 Euro Patent No. 136230 & 282083.

Agent : M/s. DePenning & DePenning.

(Com. 18 pages.)

Ind. Cl. : 32F3C •

179711

Int. Cl.⁴ : C07C 39/08, 50/04.

AN IMPROVED METHOD FOR THE SIMULTANEOUS PREPARATION OF PHENOL HYDROXYBENZENE AND 1, 4 BENZOQUINONE BY HYDROXYLATION OF BENZENE USING TITANIUM CONTAINING SYNTHETIC ZEOLITE CATALYST.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

1. PRAMOD PRABHAKAR MOGHE, INDIA
2. PAUL RATNASAMY, INDIA
3. GURUVAYUR RAJGOPLAN VENKITA-KRISHNAN, INDIA
4. JALE SUDHAKAR REDDY, INDIA
5. ASHWINI VINAYAK POL, INDIA
6. MADHAV GOPAL KOTASTHANE, INDIA
7. SUJATA SUKRITI BISWAS, INDIA
8. AMRUTA SANJEEV TAMBE, INDIA
9. PRAKASH KONDIBA BAHIRAT, INDIA.

Application for Patent No. 171/DEL/90 filed on 26-2-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

An improved process for the simultaneous preparation of phenol, dihydroxybenzene and 1, 4-benzoquinone by hydroxytation of benzene which comprises adding hydrogen peroxide to, benzene at a temperature in the range of 15-80°C in the presence of a titanium containing zeolite having been obtained by the process described and claimed in our copending application No. 954/Del/89; of the formula $X-TiO_2 \cdot (1.X) SiO_2$ where X is from 0.002 to 0.2 and having silicalite type structure to get the above products.

JAPAN—8177239, 8187527, 292738

(Compl. Specns. : 12 pages; Drwg. Sheets : Nil)

Ind. Cl. : 128 A

179712

Int. Cl.⁴ : A 61 F 13/16.

DISPOSABLE ABSORBENT ARTICLE.

Applicant : THE PROCTER & GAMBLE CO., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO, USA.

Inventor : TAKASHI HIUKE, UP.

Kind of Application : Complete.

Application for Patent No. 276/DEL/90 filed on 21-3-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972). Patent Office Branch, New Delhi-110 005.

11 Claims

A unitary disposable absorbent (10) article such as disposable diapers comprising

a liquid permeable (12) topsheet;

a liquid impermeable (16) backsheet, said topsheet and said backsheet being affixed to each other along at least a portion of their peripheries;

an absorbent (14) means for absorbing liquids, said absorbent means being encased between said topsheet and said backsheet;

a first (22) end, a first longitudinal (26) side and a second longitudinal (28) side;

a barrier leg (19) cuff corresponding to each of said first and second longitudinal sides, each said barrier leg cuff having a proximal edge affixed to the absorbent article, a distal edge and an attachment (98) zone disposed between said proximal and distal edges;

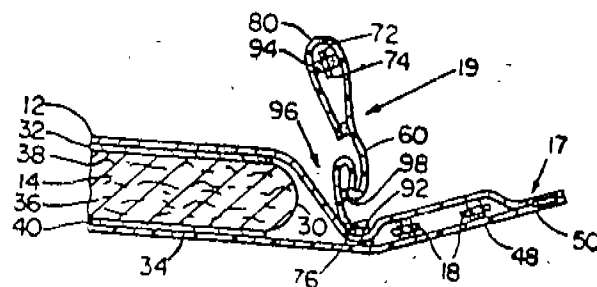
a spacing (72) means operatively associated with each said barrier leg cuff for spacing said distal (80) edge away from said proximal (76) edge;

said attachment (98) zone being affixed to the absorbent article between said attachment zone and said first (26) and second (28) longitudinal sides corresponding to said attachment zone.

Ref. No. US Patent No. 4704116, 4795454 & 4695278, 4704116.

Agent : LALL LAHIRI & SALHOTRA.

Fig. 4



(Comp. Specn. 28 pages;

Drwng. 2 sheets.)

Ind. Cl. : 133 A

179713

Int. Cl.⁴ : H 02 P 5/00.

A DEVICE FOR TIME SHARING OF SINGLE AC MOTOR SOFT STARTER HAVING MICROPROCESSOR BASED LOGIC CONTROL UNIT (MPLCU).

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor : UDAYAGIRI MADHAVA RAO, INDIA.

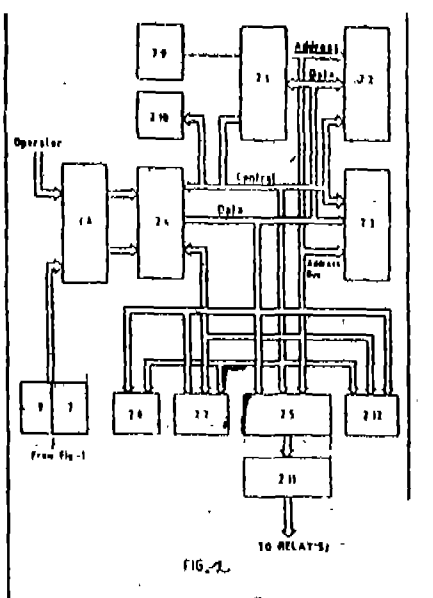
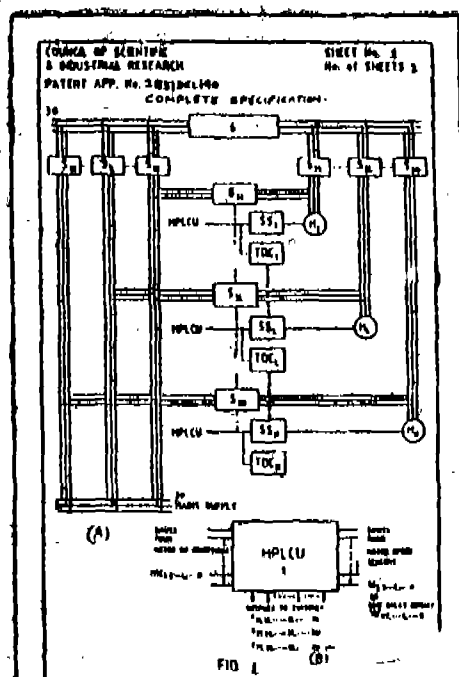
Application for Patent No. 283/Del/90 filed on date 22-03-90.

Complete left after provisional specification on 12-03-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 2)

A device for time sharing of single AC motor soft starter having microprocessor based logic control unit (MPLCU), which comprises a soft started (6), the input of the said soft starter (6) being connected to a 3-phase power supply through a plurality of 3-phase switches S1(3), the inputs of a plurality of AC motors (5) being connected to the output of the soft starter (6) through a plurality of 3-phase switches S2(4), a plurality of 3-phase switches S3(8) being connected across the said switches S1(3) and S2(4) for direct supply of 3 phase power supply to each of the AC-motors (5), a motor speed sensor (7) to sense the speed of each of the AC motors (5) or time delay circuits (9) being connected to the inputs ports of a microprocessor based logic control unit (MPLCU) (2), a plurality of motor ON/OFF control units (MOC) (1) to (N) also being connected to the inputs of the said MPLCU, the outputs of the said MPLCU being connected to the relay coils of switches S1(3), S2(4), and S3(8)



Ind. Cl. : 179 F

179714

Int. Cl.⁴ : A 01 K 1/12

A DEVICE FOR WEIGHING AND TESTING FAT CONTENTS OF THE MILK.

Applicant : RAJASTHAN ELECTRONICS & INSTRUMENTS LIMITED, OF 2, KANAKPURA INDUSTRIAL AREA, JAIPUR-302012, - RAJASTHAN, INDIA AN INDIAN COMPANY.

Inventor : KRISHAN BIHARI AGARWAL.

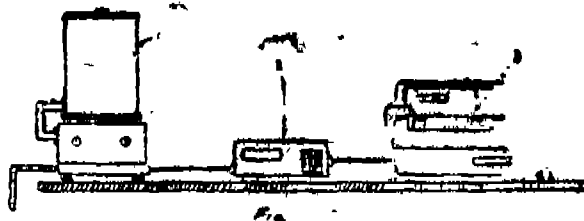
Application for Patent No. 293/Del/90 filed on date 23-03-90,

Complete left after provisional specification on 24-06-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 2)

A device for weighing and testing the fat contents of the milk comprising a milk weighing means connected to a data processor and a fat analyzer being connected to another input of said data processor, wherein weighing means comprises a load cell connected an amplifier, a micro-controller with a display and keys being connected to said amplifier through a digital convertor, said fat analyzer comprises a photo cell connected to an amplifier, a micro-controller being connected to said amplifier through a digital convertor, keys and display being provided with said micro controller to operate and display the value of fat content present in the milk.



(Complete Specification 6 Pages;

Drawings 2 Sheets)

Ind. Cl. : 69(E) (J)

179715

Int. Cl.⁴ : H 01 R 39/945

PUSH BAR LAMPHOLDER.

Applicant : GOLDEN PEACOCK OVERSEAS PVT. LIMITED, OF 3E/2, JHANDEWALAN EXTN., NEW DELHI-110055 INDIA. AN INDIAN NATIONAL.

Inventors : RAJAN KAPOOR, INDIA.

Kind of Application : Provisional—Complete.

Application for Patent No. 318/Del/90 filed on 28-3-1990.

Complete left after provisional filed on 28-6-1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 3)

A push bar lampholder comprising a shell having a pair of slots to hold a switch slide characterized in that a pair of springs having one end of the said spring inside the contact with pins and the other end of the said spring in the collar pipe terminal, a pair of guide holes are made on the switch slide to hold the collar pipe terminal, a pillar is provided on the cope to restrict the movement of switch slide through the terminal bridges for off and on position the both end of switch slide are in the half round strips, a pair of square terminals with screw are mounted on said cope for fitting the wire, three legs are provided on the cope which get fixed in the three slots positioned on the drag and a

(Complete Specification 13 Pages;

Drawings 2 Sheets)

square stopper is positioned on the drag and a square stopper is positioned on the cope to restrict the movement of nipple.

Ref.: Nil.

Agent : Premier Registration Service.

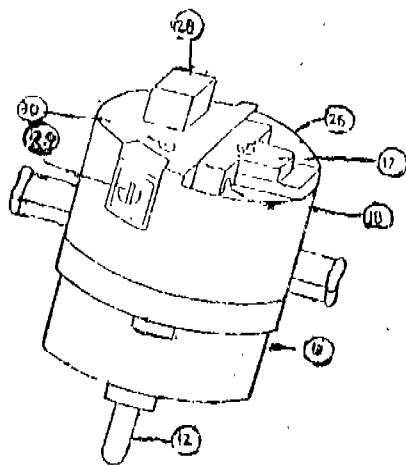


FIG. 5

(Provisional Specification 2 Pages; Drawing 3 Sheets)

(Complete Specification 7 Pages; Drawing 3 Sheets)

Ind. Cl. : 69 A

179716

Int. Cl. : H01A 1/66

A HIGH TENSION CIRCUIT BREAKER INSULATED BY ANARC BLASTING DIELECTRIC GAS.

Applicant : GEC ALSTHOM S.A., A FRENCH COMPANY, 18 AVENUE KIER, PARIS, FRANCE.

Inventor : EDMOND THURIES, DENIS DUFOURNET, MICHEL PERREL.

Application for Patent No. 517/Del/90 filed on date 29-uo-yu.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patents Office Branch, New Delhi-110005.

(Claims 7)

A high tension circuit breaker insulated by an arc blasting dielectric gas and comprising, inside a gaslight insulating housing :

a fixed assembly having a fixed main contact and a fixed arcing contact;

a moving assembly driven by a drive rod and having a moving main contact and a moving arcing contact.

a blast volume extended by a blast nozzle;

a blast piston; and

a pair of secondary contacts disposed inside a first volume and intended to generate a secondary arc; and

first means for reducing the risks of unwanted arcs being struck due to the secondary arc, said means consisting of a jacket of insulating material extending level with the secondary contacts, and in sliding contact with a least a portion of one of the sliding contacts, said jacket having longitudinal grooves adjacent to said secondary contact.

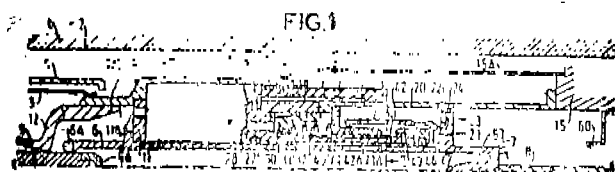


FIG. 1

(Complete Specification : 13 Pages; Drawing 2 (Sheets)

Ind. Cl. : 154 A, D

179717

Int. Cl.⁴ : B 41 L 19/00

DEVICE FOR TENSIONING PRINTING PLATES MOUNTED ON A CYLINDER OF AN INTAGLIO PRINTING MACHINE.

Applicant : DE LA RUE GIORI S.A., A SWISS COMPANY, OF 4, RUE DE LA PAIX, 1003-LAUSANNE, SWITZERLAND.

Inventor : RAFFAELE FINA.

Application for Patent No. 536/Del/90 filed on date 5-6-90.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(Claims 6)

A device for tensioning one or more printing plates (2, 3, 4) mounted on a plate cylinder (1) of an intaglio printing machine characterised in that said cylinder (1) is provided at its two lateral sides for each lateral edge of each printing plate (2, 3, 4) with one annular sector (5, 6, 7) whereby two said annular sectors (5, 6, 7) are provided for each said printing plate (2, 3, 4) said annular sectors (5, 6, 7) having the same external diameter as said cylinder (1) and being provided with fixing members (23) for attaching said lateral edges of each said printing plate (2, 3, 4) thereto, the said annular sectors (5, 6, 7) being mounted on the lateral sides of said cylinder (1) so as to be displaceable axially and being under the action of prestressed elastic means (19), which apply opposite axial tensile forces to the opposite annular sector (5, 6, 7) and to the lateral edges of each printing plate (2, 3, 4) in the axial direction.

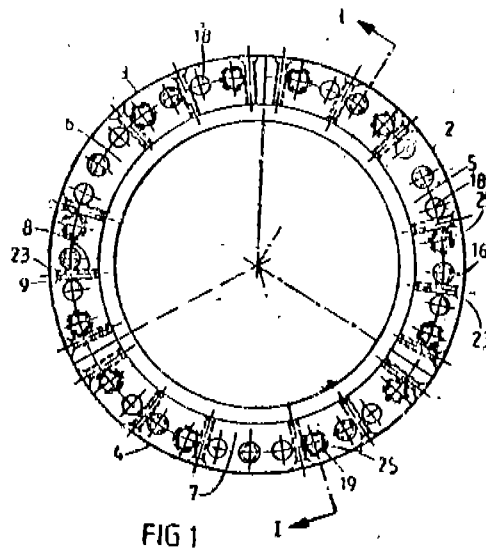


FIG. 1

(Complete Specification : 10 pages;

Drawing 1 Sheet)

Ind. Cl. : 140Aa

179718

Int. Cl.⁴ : B01F 17/28.

"AQUEOUS COMPOSITION CONTAINING CARBOXYLIC SALTS".

Applicant : THE LUBRIZOL CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF 29.100 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventor(s) : JOHN WESLEY FORSBERG, U.S.

Kind of Application : Complete.

Application for Patent No. : 660/Del/90 filed on 29-7-1990.

Ante dated to 4-6-1987.

(Divisional to Patent No. : 481/Del/87 filed on 4-6-1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

(Claims : 31)

A composition for use as dispersant and/or solubilizers composing a continuous water phase having from 25 to 90% by wt. of water, less than about 15% by weight hydrocarbon if and from 0.05 to 18% by wt. of at least one carboxylic salt dispersed or dissolved in said water phase, and the balance if any, comprising of one or more conventional additives of the kind such as hereinbefore described, said salt being a product of component (A) with component (B) where, said component (A) is selected from the group consisting or (A) (I) at least one hydrocarbyl-substituted carboxylic acid or anhydride, the hydrocarbyl substituent of said acid or anhydride having an average of from 50 to 500 carbon atoms, or (A) (II) at least one derivative being a reaction product of at least one of said hydrocarbyl-substituted carboxylic acid or anhydride with a reactant selected from the group consisting of (a) ammonia, (b) alcohol, (c) primary amine, (d) secondary amino, (e) hydroxyamine or (f) a combination of two or more of any of (a) through (c), the components of (i) being reacted with said hydrocarbyl-substituted acid or anhydride simultaneously or sequentially in an order and

said component (B) being selected from the group consisting of ammonia, at least one amine, alkaline earth metal, or alkaline earth metal compound; with the proviso that :

(i) when said component (A) is said hydrocarbyl-substituted carboxylic acid or anhydride, component (B) is selected from the group consisting of ammonia, primary amine, secondary amine alkaline-earth metal or alkaline-earth metal compound and is other than an N-(hydroxyl-substituted hydrocarbyl) amine and/or hydroxyl-substituted poly (hydrocarbyloxy) analog of said N-(hydroxyl-substituted hydrocarbyl) amine ;

(ii) when said component (A) is the reaction product of said hydrocarbyl substituted carboxylic acid or anhydride and an N-(hydroxyl-substituted hydrocarbyl) amine and/or hydroxyl-substituted poly (hydrocarbyloxy) analog of said N-(hydroxyl-substituted hydrocarbyl) amine, component (B) is other than an N-(hydroxyl-substituted hydrocarbyl) amine and/or hydroxyl-substituted poly (hydrocarbyloxy) analog of said N-(hydroxyl-substituted hydrocarbyl) amine ; and

(iii) said primary amine (C), said secondary amine (d) and said amine (B) being other than an amine sulfonic acid.

Ref. : Nil.

Agent : Remfry and Sagar.

(Compl. Specmt., : 80 pages; Drgns. Sheet : Nil)

Ind. Cl. : 136C 179719

Int. Cl.⁴ : B30B 11/22.

CONTINUOUS EXTRUSION ON APPARATUS FOR THE FORMING OF METALS BY EXTRUSION.

Applicant : BWE LIMITED, A BRITISH COMPANY, OF BEAVER ROAD INDUSTRIAL ESTATE, ASHFORD, KENT TN23 1SH, ENGLAND.

Inventors : (1) DOUGLAS EDWARD ANDERSON, UNITED KINGDOM.

(2) DANIEL JOHN HAWKES, UNITED KINGDOM,

(3) PHILIP ANDREW JONES, UNITED KINGDOM.

Application for Patent No. 685/Del/90 filed on 9-7-1990.

Convention date 10-7-1989/89J-5769.7/GB.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

(Claims : 12)

Continuous extrusion apparatus including a rotatable wheel having a plurality of spaced apart circumferential grooves (4) and provided with arcuate tolling with a shoe portion bounding radially outer portions of the respective grooves (4) formed with exit apertures extending in a generally radial direction from the respective grooves (4) to a chamber and abutments displaced in the direction of rotation of the wheel from the apertures extending into the grooves, the chamber discharging to a die orifice, characterised in that the tooling includes an entry block positioned in a recess in the shoe portion bounding the grooves together with an abutment block in expansion block (V) and a die block (18) and an exit block (20), the abutment block, expansion block and exit block being axially positioned in a stepped bore in the shoe portion with the abutment block seating upon a shoulder in the bore adjacent the entry block (26) with a threaded retaining ring co-acting with a threaded portion of the bore to secure the exit block axially of the bore

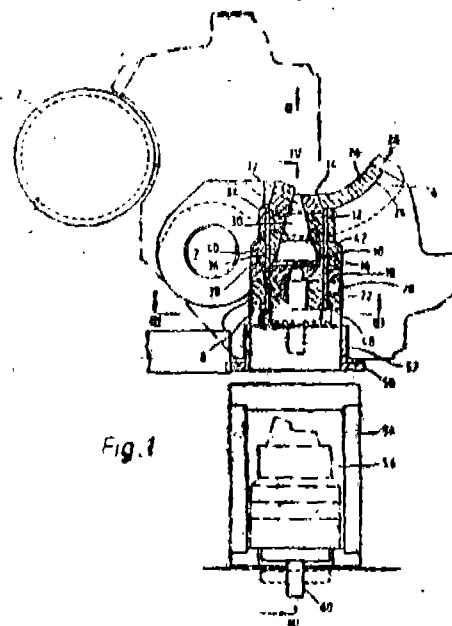


Fig. 1

(Compl. specns. : 13 pages; Drgns. Sheets: 3)

Ind. Cl. : 140A₃ 179720Int. Cl.⁴ : BOJF 17/28.

A PROCESS FOR MAKING A COMPOSITION FOR USE AS DISPERSANTS OR SOLUBILIZERS.

Applicant : THE LUBRIZOL CORPORATION, OF 29400 LAKELAND BOULEVARD, WICKLIFFE, OHIO 44092 U.S.A., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, U.S.A.

Inventor : JOHN WESLEY FORSBERG, U.S.

Application for Patent No. 6866/DEL/90 filed on 9-7-1990.

Ante dated to 4-6-1987.

Divisional to Patent No. 481/DEL/87 filed on 4-6-1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

21 Claims

A process for making a composition for use as dispersants and/or solubilizers, comprising water and at least one carboxylic salt dispersed or dissolved in said water, said process comprising the steps of reacting component (A) with component (B) under conventional salt-forming conditions at a temperature of upto 130°C to form said salt, and dispersing or dissolving in any known manner said salt in said water;

and optionally, adding one or more conventional additives of the kind such as hereinbefore described wherein ;

said component (A) is selected from the group consisting of (A) (I) at least one hydrocarbyl-substituted carboxylic acid or anhydride, the hydrocarbyl substituent of said acid or anhydride having an average of from 50 to 500 carbon atoms, of (A) (II) at least one derivative being a product of at least one or said hydrocarbyl-substituted carboxylic acid or anhydride and a reactant selected from the group consisting of (a) ammonia (b) alcohol, (c) primary amine, (d) secondary amine, (c) hydroxyamine or (i) a combination of two or more of any of (a) through (e) the components of (f) being reacted with said hydrocarbyl-substituted acid or anhydride simultaneously or sequentially in any order; and

component (B) being selected from the group consisting of ammonia, at least one amine, alkaline earth metal, or alkaline earth metal compound; with the provisional that;

(i) when component (A) is said hydrocarbyl-substituted carboxylic acid or anhydride, component (B) is selected from the group consisting of ammonia, primary amine, secondary amine, alkaline earth metal or alkaline-earth metal compound and is other than an N-(hydroxyl-substituted hydrocarbyl) amine and/or hydroxyl-substituted poly (hydrocarbyloxy) analog of said N-(hydroxyl-substituted hydrocarbyl) amine.

(ii) when component (A) is the reaction product of said hydrocarbyl-substituted carboxylic acid or anhydride and an N-(hydroxyl-substituted hydrocarbyl) amine and/or hydroxyl substituted poly (hydrocarbyloxy) analog of said N-(hydroxyl-substituted hydrocarbyl) amine, component (B) is other than N-(hydroxyl-substituted hydrocarbyl) amine and/or hydroxyl-substituted poly (hydrocarbyloxy) analog of said N-(hydroxyl-substituted hydrocarbyl) amine; and

(iii) said primary amine (C), said secondary amine (d) and said amine (B) being other than an amino sulfonic acid.

(Comp. Specn. 78 pages:

Drwng. sheet Nil.)

Ind. Cl. : 72B

179721

Int. Cl.⁴ : C 06 B 31/28 & 31/44.

NOVEL EXPLOSIVE COMPOSITION IN DISPERSION OR EMULSION FORM.

Applicants : IMPERIAL CHEMICAL INDUSTRIES PLC, A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3 JF, ENGLAND AND ICI AUSTRALIA LIMITED, AN AUSTRALIAN COMPANY, OF PO BOX 4311, MELBOURNE, VICTORIA 3001, AUSTRALIA.

Inventors : JOHN COOPER; AU VLADMIR SUJANSKY, AU.

Kinds of Application : Convention Complete.

Application of Patent No. 373/Del/87 filed on date 29-04-87.

Convention Data : 8614228/GB/11-06-86.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005,

Claire's 11

A novel explosive composition in dispersion or emulsion form comprising :

an association compound of the formula $2\text{NH NO} / \text{NH CH-COOH}$ formed from the interaction of ammonium nitrate and glycine in an amount corresponding to from 60 to 94 parts by weight ammonium nitrate and from 6 to 40 parts by weight glycine; and

the balance an additional oxidising salt such as herein described,

Ref No. NIL.

Agent : Remfry & Son.

Complete Specification 19 Pages;

Drawings 1 Sheet.

Ind. Cl. : 157.C

179722

Int. Cl. : HO 2 K 41/02.

LINEAR INDUCTION PROPELLED VEHICLE.

Applicant(s) : URBAN TRANSPORTATION DEVELOPMENT CORPORATION LTD., A CORPORATION ORGANISED UNDER THE LAWS OF CANADA, OF 2 ST. CLAIR AVENUE WEST, TORONTO, ONTARIO, CANADA M4V 1L7.

Inventor(s) : RONALD FRANK VAN HUUKSLOOT and PETER EDWARD TIMAN. CA. CITIZENS.

Application for Patent No. 186/Del/88 filed on 10 March 1988.

Convention Data : 13-03-87/532042/CA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 15

Linear induction propelled vehicle comprising :
a guideway (26)

a train (10) of cars traveling along said guideway; and linear induction motor drive means to propel said train along said guideway, including primary (28) means disposed along said guideway and a secondary (32) means mounted on said train, said secondary (32) means being articulated and extending the entire length of said train in a substantially continuous manner whereby said secondary means is moveable with respect to said train during movement of said train over a curve in said guideway to maintain substantially disposition of said secondary means over said primary means hereby to improve distribution of thrust throughout said train.

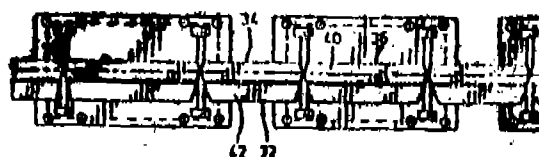
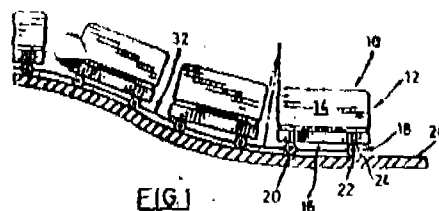


FIG 2

(Complete Specification 25 Pages;

Drawing Sheets 12)

Ind. Cl. : 81

179723

Int. Cl.⁴ : A 62 C 5/02.

A FOAM COMPOSITION FOR FIGHTING UNDERGROUND MINE FIRE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001. INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : AJOY ACHARYYA, GOUTAM SURAL.
INDIA.

Claims 5

Kind of Application : Complete.

Application for Patent No. 962/Dcl/88 filed on date 07-11-88.

Appropriate Office for Opposition - Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 3

A foam composition for fighting underground fire in mines which comprises a synergistic mixture of sodium or ammonium lauryl sulphate and a stabiliser having the properties of desired water retention capacity, expansion ratio of the order of 1 : 1000 (water : air) and being selected from sodium carboxy methyl cellulose, alkaline solution of gum arable, ferrous gluconate, albumin saponir, starch, aluminium lactate and xylene sulphonate in the range of 0.12 to 0.2% w/v and known foam booster in an amount 0.1 to 0.5% (w/v).

(Complete Specification 9 Pages, Drawings Nil.)

Ind. Cl. : 40 B 179724
Int. Cl.⁴ : B 01 J, 32/00 & C 12 N, 11/14.

A PROCESS FOR THE PREPARATION OF POROUS HIGH SILICA FABRIC HAVING HIGH SURFACE AREA OF 310 M/G AND A SILICA CONTENT OF 99.56 % USEFUL FOR THE PREPARATION OF IMMOBILIZED AMYLOGLUCOSIDASE ENZYMES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1,10001. INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : THOLATH EMILIA ABRAHAM, SONTI VENKATA RAMAKRISHNA AND ALATHUR DAMODARAN DAMODARAN ALL INDIAN CITIZENTS,

Kind of application : Provisional Complete.

Application for Patent No. : 1052/Del/88 Filed on 1 Dec 1988.

Complete left after Provisional filed on 26 Dec 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

A process for the preparation of a porous high silica fabric having a surface area of 310 m/g, a silica content of 99.56% E'glass 8 hardness satin weave 0.9 to 1.0 mm thick useful for the preparation of immobilized amyloglucosidase enzymes which -comprises washing the high silica fabric with a mineral acid such as herein described, coating the washed fabric with a polysilane at a temperature in the range of 60-80 G and treating the said coated fabric with a solution of glutaraldehyde,

(Provisional Specification 5 Pages, Drawing Sheet Nil)
(Complete Specification 11 Pages; Drawing Sheet Nil)

Ind. Cl.: 80B 179725
Int. Cl.* : C10L, 1/24

AN IMPROVED DIESEL FUEL COMPOSITION.

Applicant: THE LUBRIZOL CORPORATION, A CORPORATION OF THE STATE OF OHIO. U.S.A., OF 29400 LAKELAND MOULEVARD WICKLIFFE, OHIO 44092, U.S.A.

Inventor : JOSEPH WILLIAM PIALET, U.S.A.

Application for Patent No. 802/Del/89 filed on 7-9-1989.
Ante dated to 21-10-1986

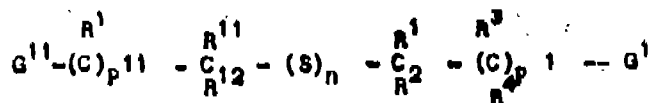
Divisional to Patent Application No. 929/Del/86 filed on 21-10-1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, New Delhi-110005.

9 Claims

An improved diesel fuel composition evincing improved cetane rating which comprises:

- (i) a fuel such as herein defined having a boiling range and a viscosity suitable for employment in a diesel engine;
- (ii) an amount sufficient to provide in said fuel from 0.001 % to 5% by "weight of sulfur based on the total weight of said fuel of a cetane improver of the formula



wherein;

n is an integer from 1 to 8;

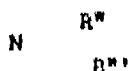
P¹ and P¹¹, each independently, is an integer of from 0 to 2, R³, R¹³, R⁴ and R¹⁴, each independently, is H or an alkyl having from 1 to 6 carbon atoms;

R² and R¹², each independently, is H or an hydrocarbyl having from 1 to 18 carbon atoms;

G^1 and G^{11} , each independently

is a $-CN$, NO_2 , $\overset{O}{\underset{||}{C}}-X^1$, $\overset{O}{\underset{||}{C}}-X^{11}$, $\overset{S}{\underset{||}{C}}-X^1$, $\overset{S}{\underset{||}{C}}-X^{11}$, $\overset{N-Y^1}{\underset{||}{C}}-X^1$, $\overset{N-Y^{11}}{\underset{||}{C}}-X^{11}$

$S(1)_2X^1$, $S(2)_2X^{11}$, wherein X^1 and X^{11} , each independently, is H, lower alkyl, OH, OR¹ wherein R¹ is an alkyl having from 1 to 22 carbon atoms, or



wherein R^{**} and R^{***} each independently, is H or an alkyl having from 1 to 20 carbon atoms;

Y is H, a hydrocarbyl having from 1 to about 18 carbon atoms, OH, OR², or



wherein Z is 1 or 2; and

R¹ and R¹¹, each independently is H, or a hydrocarbyl having from 1 to about 18 carbon atoms or said G¹; and optionally wherein R¹ and R¹¹, each independently is H, of a hydrocarbonyl having from 1 to about 18 carbon atoms or said G¹; and optionally wherein R¹ and R³, R³ and R⁴, R¹¹ and R¹³, or R¹² and R¹¹, are bonded together and independently, form a hydrocarbyl substituent, having a total of from 1 to 18 carbon atoms; and

(iii) from 01 to 10 parts by weight based on the weight of said cetane improver of a sulfur-free cetane improver such as herein described.

(Compl. Specn. 29 pages

Drwng. sheet nil)

Ind. Cl. : 85/A

179726

Int. CM : F27D 1/10.

A PROCESS FOR THE PRODUCTION OF KILN CAR DECK SLAB.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : (1) SUJIT KUMAR GUHA
(2) AMIT DASOUPTA.

Application for Patent No. 1236/DEL/89 filed on 26-12-1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

An improved process for the production of kiln car deck slab for the pottery industry to prepared by making a cordierite composition by mixing slurry of talc, clay alumina making; a molochite composition by mixing slimy of Mansar shale, alumina, sillimanite in the proportion as herein described, dewatering then calcining the respective compositions at a temperature in the range of 1300—1600°C crushing grinding and grading the resultant composition, miring the respective composition one in grog form and the other in

uncalcined form in a proportion of 1:1, alongwith 10—20% of water and 0.25 to 3.0% of an organic binder pressing the resultant mixture to desired shapes and sizes and firing the resultant product at a temperature in the range of 1300—1450°C.

(Comp. Specn. 11 pages;

Drwng. sheet Nil.)

Ind. Cl. : 107C

179727

Int. Cl.⁴ : F02B 25/00, 29/00.

AN AIR-COOLED INTERNAL COMBUSTION ENGINE.

Applicant : AVL GEREILSCHAFT FUR VERBRENNUNGSKRAFTMASCHINEN UND MESSTECHNIK MBH. PROF. DR. H. C. HANS LIST, AN AUSTRIAN COMPANY OF KLEISTSTRASSE 48. A-8020 GARZ, AUSTRIA.

Inventors : (1) BERTRAM OBERMAYER, AUSTRIA
(2) WOLFGANG KLING, AUSTRIA.

Application for Patent No. 0072/DEL/90 filed on 29-1-90.

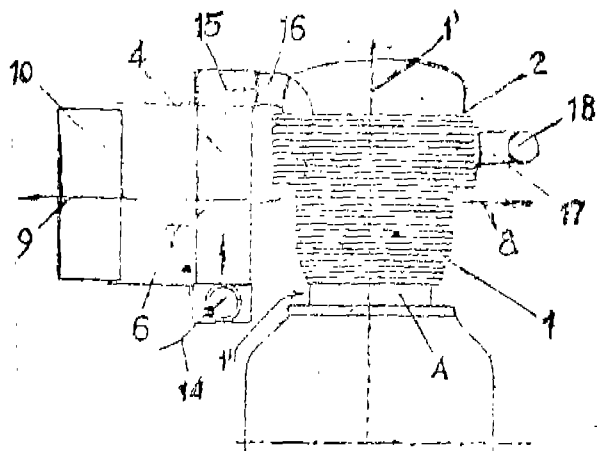
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An air-cooled internal combustion engine comprising two elongated cylinder banks in a V-configuration to provide 'V' space there-between, each cylinder bank having cylinder units, each of the said cylinder units consists of cylinder and cylinder head each of said two cylinder banks having an inner side facing said space and an outer side opposite said inner side, wherein a heat exchanger extends along the outer side of each of said cylinder blanks for supplying an air charge from a compressor of an exhaust gas turbocharger to the cylinders of each cylinder unit, and a blower being located in said V space between said cylinder banks for causing external cooling air to flow into said engine along a predetermined path whereby the entirety of said external cooling air

passes between said cylinder banks after first passing through the said heat exchanger.

FIG. 1



(Compl. Specn. 11 pages; Drwng. sheet Nil.)

Ind Cl. : 206E 179728
Int. Cl.⁴ : H04B 9/00.

COMMUNICATION SYSTEM THAT PROVIDES FOR A 2-WAY WIRELESS RADIO FREQUENCY (RF) COMMUNICATION UNIT ACCESS TO AT LEAST TWO INDEPENDENT RF COMMUNICATION SYSTEM.

Applicant : MOTOROLA INC., A CORPN, OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1303 EAST ATGONQUIN ROAD, SCHAUMBURG, ILLINOIS, 60196, UNITED STATES OF AMERICA.

Inventors :

ANTHONY PATRICK. VAN DEN HEUVFL, USA.
RICHARD ALAN COMROF, USA.
ANTHONY JOSEPH SARLI, USA,
ARUN SOBTI, USA.

Application for Patent No. 147/DEL/90 filed on 20-2-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents) Rules, 1972), Patent Office Branch, New Delhi-110 005.

7 Claims

A communication system that provide; for a 2-way wireless radio frequency (RF) communication unit access to at least two independent RF communication systems and wherein each communication is supported by said at least two RF communication systems necessarily having an RF wireless communication link, said communication system being characterised by :—

- a 2-way wireless radio frequency (RF) communication unit;
- an RF bulletin board resource coupled to said RF communication unit and which provides messages to said "communication unit regarding available said independent RF communication systems;
- a transmitter of said bulletin board resource which transmits registration information regarding at least one of said at least two RF communication systems to the 2-way wireless RF communication unit.
- a receiver for receiving on the RF bulletin board resource information regarding acknowledgement of the registration information;

- a receiver provided in said 2-way wireless RF communication units that monitors the RF bulletin board resource to obtain information regarding at least one of the at least two RF communication systems; and
- a transmitter within the 2-way wireless RF communication unit that communications on at least one of the at least two RF communication systems for which registration information was transmitted.

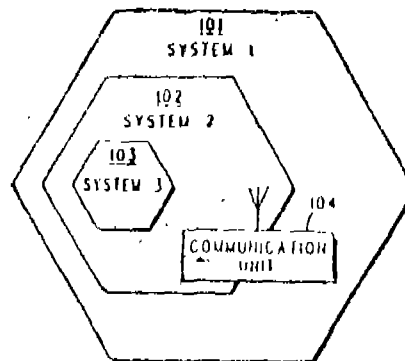


FIG. 1

(Comp. Specn. 13 pages; Drwngs. 2 sheets.)

Ind. Cl. : 32F³C 1797299
Int. Cl.4 : C07 C 39/08, 50/04.

AN IMPROVED PROCESS FOR THE SIMULTANEOUS PREPARATION OF PHENOL DIHYDROXY BENZENES, 1, 4 BENZOQUINONE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors ;

PRAMOD PRABHAKAR MOGHE
PAUL RATNASAMY
GURUVAYUR RAJGOPALAN VENKTTAKRISHNAN
APPADURAI THANGARAJ
ASHWINI VINAYAK POL
MADHAV GOPAL KOTASTHANE
SUJATA SUKRTTI PISWAS
AMRUTA SANJEEV TAMBE
PRAKASH KONDIBA BAHIRAT.

Application for Patent No, 168/DEL/90 filed on 26-2-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A process for the simultaneous preparation of phenol, dihydroxy-benzenes and 1, 4-benzoquinone which comprises reacting benzene with hydrogen peroxide in the presence of a zeolite catalyst having been obtained by a process described and claimed in our copending application No. 955/Del/89, of the formula X. Tio : 1(-x) Sio wherein X is from 0.0005 to 0.2 and Having silicalite type 1 structure at a temperature in the range of -10 to 85°C to form a mixture of phenol, dihydroxybenzene and 1, 4 benzoquinone.

(Comp. Specn. 11 pages; Drwng. sheet Nil.)

Ind. Cl. : 32F₃C, 32F₃d

179730

Int. Cl.⁴ : C07C 39/08, 50/04, -98C⁴

AN IMPROVED PROCESS FOR THE SIMULTANEOUS PREPARATION OF DIHYDROXYBENZENES AND 1, 4 BENZOQUINONE BY HYDROXYLATION OF PHENOL USING TITANIUM CONTAINING ZEOLITE CATALYST.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFT MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

PRAMOD FRABHAKAR MOGHE
PAUL RATNASAMY
GURUVAYUR RAJGOPALAN VENKITAKRISHNAN
JALE SUDHAKAR REDDY
ASHWINI VINAYAK POL
MADHAV GOPAL KOTASTHANE
SUJATA SUKRITI BISWAS
AMRUTA SANJEEV TAMBE
PRAKASH KONDIBA BAHIRAT.

Application for Patent No. 170/DEL/90 filed on 26-2-1990.

Appropriate Office for Opposition Proceedings (Rule A, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claim)

An improved process for the simultaneous preparation of dihydroxybenzenes and 1, 4 benzoquinone by the hydroxylation of phenol using titanium containing zeolite, catalyst which comprises adding hydrogen peroxide to phenol at a temperature between -10 to 80°C in the presence of a titanium containing zeolite catalyst having been obtained by the process described & claimed in our copending application No. 954/DEL/89 of the formula $X \text{ TiO} : (1 \times) \text{ SiO}_2$ where X is from 0.002 to 0.2; of silicallite type 2 structure and an organic solvent to get the above compounds.

(Comp. Specn. 12 pages;

Drwng. sheet Nil.)

Ind. Cl. : 25 A A D

179731

Int. Cl.⁴ : E 04 C 1/00.

CELLULAR SECTIONS.

Applicant & Inventor : PROF. JAIDEV KHETRAPAL, K-19, GREEN PARK, NEW DELHI-110016, INDIA, AN INDIAN NATIONAL.

Application for Patent No. 1057/Del/90 filed on date 25-10-90.

Complete left after provisional specification on 27-01-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A cellular section such as a brick comprising a rectangular section (1) characterised in that circular recess (3) being provided on the top surface of said section (1), a hollow longitudinal passage (2) being provided along the length of said section (1), a female key (4) being provided along the

length of said brick at the bottom surface to engage male key (5) provided on the top of said section (1) therein.

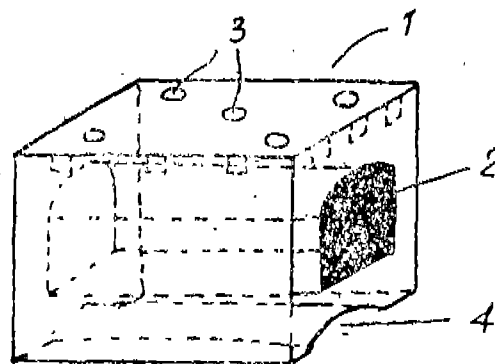


Fig 2

(Provisional Specification 7 Pages

Drawings NIL.)

(Complete Specification 11 Pages

Drawings 2 Sheets.)

Ind. Cl. : A 36

A₂

179732

Int. Cl.⁴ : B 67D 5/40.

APPARATUS FOR CONTROLLING A FLUID COMPRESSION SYSTEM.

Applicant : INGERSOLL-RAND COMPANY, A CORPORATION UNDER THE LAWS OF THE STATE OF NEW JERSEY, UNITED STATES OF AMERICA, OF 200 CHESTNUTRIDGE ROAD, WOODCLIFF LAKE, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : ROBERT KEITH HASELEY, U.S.A., PAUL ALBERT KIRKPATRICK, U.S.A.

Application for Patent No. 1086/Del/90 filed on 31-10-1990

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

18 Claims

Apparatus for controlling a fluid compression system comprising;

compression means (10) for pressurizing fluid;

control means (60) connected to said compression means (10) for indicating operating parameters and functions of the compression means, display means (96) being provided therein for graphically displaying the parameters and function* said control means (60) setting limits of the parameter and controlling the compression means (10) in response to any of the parameters reaching a preset level of a corresponding function;

computer means (118) for generating a signal, said computer means (118) being in signal transmitting relation with said compression means (10); and

communication means (63, 100) for communicating the signal from the computer means (118) to said control means (60) and for connecting said communication means (63, 100) with said control means (60).)

(Complete Specification 23 Pages

Drawing Sheet 2)

Ind. Cl. : 1E, 73

179733

Int. Cl.⁴ : IPC⁴ - D06 1/00.

A SIZING AGENT COMPOSITION FOR USE IN THE TEXTILE INDUSTRY.

Applicant : BHARAT STARCH & CHEMICALS LTD.,
N-75, CONNAUGHT CIRCUS, NEW DELHI-110001, AN
INDIAN COMPANY.

Inventor : KARAN THAPER.

Kind of Application : Provisional - Complete.

Application for Patent No. 1186/Del/90 filed on 28-11-1990. Complete left after provisional filed on 28-2-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

2 Claims

A sizing agent composition for use in the textile industry which comprises (a) 65 to 95% by weight of sulphated March, (b) up to 25% by weight of carboxy methyl starch and (c) 5 to 30% by weight to carboxy methyl cellulose mixed together to form a homogeneous bland thereof.

Ref. : NIL.

Agent : I. S. DAVAR & COMPANY.

(Provisional Specification 4 Pages Drawing Sheet NIL.)

(Complete Specification 6 Pages; Drawing Sheet NIL.)

Ind. Cl. : 133 A.

179734

Int. Cl.⁴ : H 02 P, 7/48

A CURRENT SENSING DEVICE.

Applicant : WHIRLPOOL CORPORATION, A DELAWARE CORPORATION, OF 2000 M-63 BENTON HARBOR, MICHIGAN 49022, UNITED STATES OF AMERICA.

Inventor : LARRY HOMAS BASHARK, US.

Application for Patent No. 1314/Del/90 filed on date 26-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

A current sensing device for determining if a heater coil line (76) is receiving power and for monitoring the current through the winding (52) of a motor (18) used in conjunction with said heater (34), said sensing device characterized by :

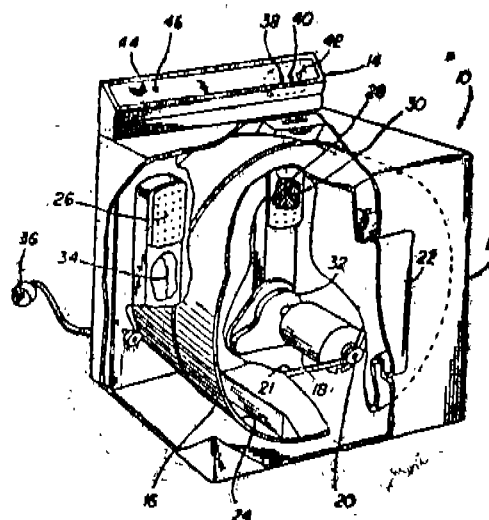
a first core (104) winding wound about said heater coil line;

a second core (102) winding wound about said winding of said motor; and

a sensor comprising a sense winding (108) wound through said first core winding and said second core winding, said sense winding providing;

a first series of voltage spikes indicating zero crossing of the current through said heater, such that the absence of said first series of voltage spikes is indicative of the absence of current through said heater and

a second series of voltage spikes indicating zero crossing of the current through said winding of said motor.



(Complete Specification 113 Pages Drawing Sheets 31.)

Ind. Cl.: 32-F₂.

179735

Int. Cl.⁴: C 01 B 21/12, C 07 C 125/00,
127/00 & 129/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF ARYL/SUBSTITUTED ARYL/ALKYL OR SUBSTITUTED ALKYL ESTERS OF N-ALKYL/ARYL CARBAMIC ACID.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED, BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

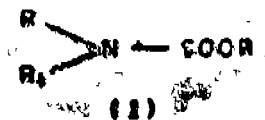
Inventors: RAJAN HIRALAL NAIK, SAGUN KASHINATH TANDEL & SRINIVASACHARI RAJAPPA, ALL CITIZENS OF INDIA.

Application for Patent No. 1318/Del/90 filed on date 26-12-90.

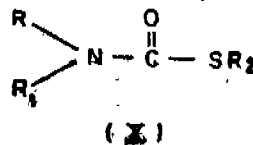
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

11 Claims

An improved process for the preparation of aryl/substituted aryl/alkyl/substituted alkyl esters of N-alkyl/N-aryl carbamic acid of the formula I.



wherein R is alkyl/aryl. R₁ is either H or alkyl group, which comprises refluxing corresponding S-alkyl ester of N-alkyl-carbamothioic acid of the formula X,



wherein R₁ and R

represents alkyl/aryl group and R₁ is H or alkyl, with an appropriately substituted phenol such as herein described in the presence of acidic or basic catalyst and in the presence of organic solvents for 10 to 40 hours and recovering the compound of formula I by known methods.

(Compl. Specn 11 pages Drwng. 1 sheet.)

Ind. Cl. : 32 B & 32

F_{2d}

179736

Int. Cl.⁴: C 07 C 155/00

AN IMPROVED PROCESS FOR THE PREPARATION OF ALKYL/ARYL N-ALKYL/N-ARYL THIOCARBAMATE:

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

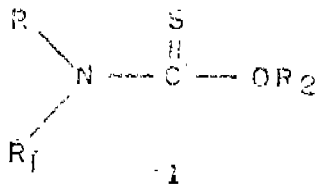
Inventors: ABDUL RAKEEB ABDUL SUBHAN DESHMUKH, SAGUN KASHINATH TANDEL, RAJAN HIRALAL NAIK & SRINIVASACHARI RAIAPPA, ALL CITIZENS OF INDIA.

Application for Patent No. 1320/Del/90 filed on date 26-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

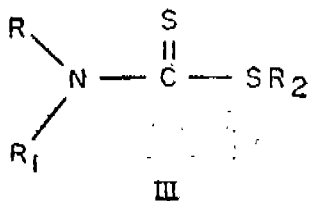
5 Claims

An improved process for the preparation of alkyl/aryl N-alkyl/N-aryl thiocarbamate of the formula I,



where R is alkyl/aryl, R₁

is either H or alkyl and R₂ is alkyl/aryl group which comprises refluxing corresponding S-alkyl/S-aryl ester of N-alkyl/aryl dithiocarbamic acid of the formula III,



where R=alkyl/aryl,

R₁=H or alkyl and R₂=alkyl/aryl with an appropriate alkali metal alkoxide in the presence of an alcohol for 15 to 25 hrs. and recovering the said thiocarbamate by conventional methods.

(Compl Specn. 5 pages

Drwng. 1 sheet)

Ind. Cl. : 189

179737

Int. Cl.⁴: A46B 3/00

TOOTHBRUSH HEAD.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors :

JOHN PIECRE CURTIS, U.S.A.,
KEDAR NATH RUSTOGI, USA.,
JOHN CLIFFORD GRAWTORD, U.S.A.,
IAMBS HERBERT KEMP, U.S.A.,
THOMAS EDWARD MINTEL, U.S.A.,
BERT DEAYNE HEINZELMAN U.S.A.,
DONALD RICHARD LAMOND, U.S.A.,
LAURA HILLMAN EDELMAN, U.S.A.

Application for Patent No. 227/Del/91 filed on 20-3-1991

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

16 Claims

A toothbrush head, the head composing a longitudinal axis (16) and a free end, the head (12) having a surface (14) from, which tufts of bristles extend upwardly, characterized in that, the tufts (30) on the peripheral edges of the head (12) tilt outwardly at an angle from the vertical the tufts being located in three groups (24,26,34) or rows of tufts wherein each row (24, 26, 34) is transverse to said head longitudinal axis (16), the endmost tuft (30) in each row of said second group (26) tilting laterally outwardly toward a respective side of the head (12), the remaining tufts (32) of each second row of said second group (26) extending upwardly substantially perpendicularly to said head surface (14) some of said first (24) and second groups (26) alternating with each other along the longitudinal axis (16) of the head (12), said third group (24) of tufts being located nearest said head free end comprising two endmost tufts (36) each of which (36) tilts laterally outwardly toward a respective side of the head (12).

(Complete Specification 17 Pages;

Drawing Sheet 4)

Ind. Cl. : 139 B, 39 K, 70 B.

179738

Int. Cl.⁴: C 25 B 1/00

AN IMPROVED ELECTROLYTIC PROCESS FOR THE PREPARATION OF ANTIMONY TRIOXI USING ANTIMONY AS ANODE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

inventors :

SUBRAMANIAM PUSHPAVANAM, INDIA
MANDAPATI MOHAN RAO, INDIA
SWAMINATHAN MOHAN, INDIA
KAPISTHALAM CHETLUR NARASIMHAM, INDIA.

Application for Patent No. 441/Del/91 filed on date 21-5-97.

Appropriate Office for Opposition Proceeding Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An improved electrolytic process for the preparation of antimony trioxide using antimony as anode, with comprises the anodic dissolution of antimony in an electrochemical cell with a diaphragm as herein defined, using antimony anode and antimony or graphite or mild steel or stainless steel cathode and nitric acid, nitrate of lithium, sodium, potassium or ammonium, perchloric acid or perchlorate of lithium or sodium supporting electrolyte of pH in the range of 0.5 to 10 at anode and cathode current densities between 0.5 to 7.0, A.dm⁻² preferably 3.0 A.dm⁻² and separating crystallised antimony trioxide from electrolyte by filtration.

(Complete Specification 9 Pages;

Drawing Sheet NIL)

Ind. Cl. : 150 G

179739

Int. Cl.⁴: F 16 G 3/00.

DEVICE FOR THE AUTOMATIC COUPLING OF A BLOWING-IN LANCE TO A MANIFOLD.

Applicant : PAUL WURTH S.A., A COMPANY ORGANISED UNDER THE LAWS OF GRAND DUCHY OF LUXEMBOURG, OF 32 RUE D ALSACE, L-1122 LUXEMBOURG.

Inventors ; HUBERT STOMP, DANIEL FRIES, SERGE DEVILLET.

Application for Patent No. 474/De1/91 filed on date 31-5-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

12 Claims

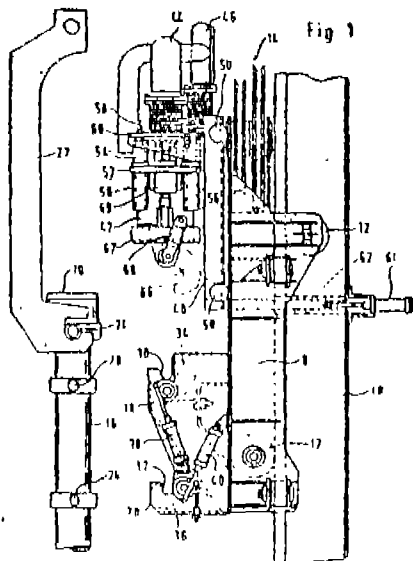
Device for the automatic coupling of a blowing-in lance to a manifold which is in communication with ducts coming fluids intended to be injected into a molten bath through channels running through the lance, said device comprising :

a vertically moveable lance-carrying carriage slidably mounted on a slide rail,

hitching means mounted on said lance-carrying carriage so as to be capable of supporting said lance and rigidly securing it to the lance carrying carriage, and

mounting means for mounting said manifold on the lance-carrying carriage so that said manifold and said lance-carrying carriage are vertically movable relative to one another,

the manifold comprising coupling means for coupling said manifold leaktightly to the joint face of the lance.



Complete Specifying 13 Pages

Drawing Sheets - 7

Ind. Cl. ; 154 D G.

179740

Int. Cl.⁴ : B 41L 3/00.

A DEVICE FOR TRANSFERRING INDIVIDUAL SHEETS TO THE IMPRESSION CYLINDER OF A SHEET - FED ROTARY PRINTING MACHINE.

Inventors : GERMAN ALBRECHT JOSEF; GERMAN.

Applicant ; DR IA RUE GIORI S.A., 4, RUE DE I A PAIX 1003 LAUSANNE/SWITZERLAND.

Application for Patent No. 0558/De1/91 filed on 26th JUNE 1991,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims

A device for transferring individual sheets to the impression cylinder of a sheet-fed rotary printing machine which has a plate cylinder equipped with N-Printing plates, N being a whole number greater than 1, with the transfer cylinder interacting with the impression cylinder, characterized in that the transfer (2) cylinder has a front stop (8A) adjustable in the circumferential direction relative to its shaft for the

oncoming sheets (B), and is of a diameter equal to 1/N of the diameter of the plate cylinder (P), said shaft of the transfer cylinder (2) being drivable at a constant speed and executing N revolutions when the plate cylinder (P) executes one revolution and a controllable setting device which during each revolution of the transfer cylinder (2) so displaces the front stop (8a) relative to the shaft (3) that this front stop (8a) when its transfer position in which a sheet is transferred to the impression cylinder is passed assumes a position by which the exact register of this sheet in relation to the position of the printing plate printing it on the plate cylinder (P) is set.

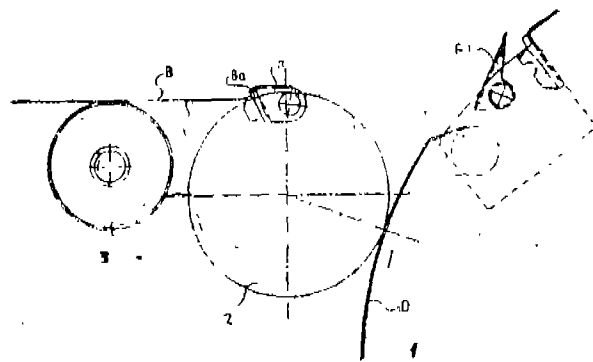


Fig.1

(Complete Specification 17 Pages;

Drawing sheets 7).

Cl. : 141 (DI

179741

Int. Cl.⁴ : C 22 B 1/16, 1/20

"A PROCESS FOR PRODUCING SINTERED IRON OXIDE CONTAINING MATERIAL ON A SINTERING MACHINE:"

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-6000 FRANKFRT AM MAIN, WEST GERMANY.

Inventors' : 1. HERMANN SCHMIDT 2. HEIKO WEISEL 3. HANS-JOACHIM WERZ,

Application No. : 650/Cal/1992 filed on 9th September, 1992.

(Divided out of No 72/Cal/92 antdated to 3rd February, 1992).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

7 Claims

A process for producing sintered iron oxide containing material on a sintering machine, said machine containing a sintering conveyor, wind boxes below said conveyor and a hood above said conveyor wherein, a sinterable mixture which contains iron oxide and solid fuel is fed onto the sintering conveyor at the feed end of said conveyor and said sinterable mixture is ignited on the surface thereof,

oxygen-containing gases such, as herein described are passed through the mixture and to said wind boxes,

exhaust gas is withdrawn from the wind boxes,

part of the exhaust gas is enriched in its oxygen content by an addition of a higher-oxygen gas such as herein described and the enriched exhaust gas is then recirculated into the region below said hood and above said mixture as oxygen-containing recycle gas, and

the other part of the exhaust gas is removed from the process as tailgas, said tail gas consists of exhaust gas at a rate which corresponds to a sum of the rate at which gas is produced by the sintering process, the rate at which said higher-oxygen gas is added for enriching and the rate at which leaked air has infiltrated from the outside, minus the rate at which oxygen is consumed, and the recycle gas contains upto 24% volume of oxygen,

characterised in that said tail gas is withdrawn from the wind boxes which are disposed under the sintering conveyor near its feed end.

(Compl. Specn. : 27 Pages;

Drgns. : 1 Sheet)

Cl. : 134 B

179742

Int. Cl.⁴ : B 60 K 20/14

"A DUAL FORCE FLUID ACTUATED¹ SHIFT DEVICE USE IN VEHICLE."

Applicant : EATON CORPORATION, OF 1111, SUPERIOR AVENUE, CLEVELAND OHIO 44114, UNITED STATES OF AMERICA.

Inventor : THOMAS ALAN GENISE.

Application No. 390/CAL/93 filed on 6th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

8 Claims

A dual force fluid actuated shift device (11) used in vehicle for a mechanical transmission having a neutral position and a plurality of selectable ratios, said device comprising an actuator housing (13) defining a piston bore within which is reciprocally disposed a main piston member (87), having a centered position corresponding to said neutral position, and a piston rod (17) fixed relative to said piston member (87) to reciprocate therewith said piston member (87) and said actuator housing (13) cooperating with said piston rod (47) to define a first fluid pressure chamber (91) in fluid communication with a source of fluid pressure by means of a first fluid control means (33); said main piston member (87) having an effective area under the influence of said first fluid pressure chamber (91) to bias said main piston member (87) and piston rod (47) in a first direction corresponding to one of said selectable ratios characterised in that,

(a) said main piston member (17) and said actuator housing (13) cooperating with said piston rod (7) to define a second fluid pressure chamber (92) in fluid communication with said source of fluid pressure by means of a second fluid control means (35) said piston member (87) having an effective area under the influence of said second fluid pressure chamber (92) to bias said piston member (87) and piston rod (47) in a second direction corresponding to another of said plurality of selectable ratios;

(b) a first auxiliary piston (93) operably associated with said piston rod (47) and disposed on a first side of the main piston member (87) to define said first fluid pressure chamber (91) whereby movement of said piston rod (47) in said first direction, said first auxiliary piston (93) in said first direction, said first auxiliary piston having an effective area under the influence of said first fluid pressure chamber to bias said first auxiliary piston (93) and piston rod (47) in said second direction, opposite said first direction, after said main piston member (87) has been displaced from said centered position in said first direction; and

(c) a second auxiliary piston (95) operably associated with said piston rod (47) and disposed on a second opposite side of said main piston member (87) to define said second fluid pressure chamber (92) whereby movement of said piston rod (47) in said second direction moves said second auxiliary piston (95) in said second direction, said second auxiliary piston having an effective area under the influence of said second fluid pressure chamber (92) to bias said second auxiliary piston (95) and piston rod (47) in said first direction, after said main piston member (87) has been displaced from said centered position in said second direction.

(Compl. Specn. : 17 Pages;

Drgns. : 4 Sheets)

Cl. : 145 F

179743

Int. Cl. : D 21 B 1/32, D 21 P 1/70

"A REPULPING METHOD FOR WASTE PAPER FOR PRODUCING PAPER PULP."

Applicant : J. M. VOITH GMBH, OF ST POELTENER STR 43, W-7920 HEIDENHEIM. GERMANY.

Inventor : 1. HANS-DIETER DOERFINGER 2 GERHARD VEH.

Application No. : 427/CAL/93 filed on 26th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

1 Claim

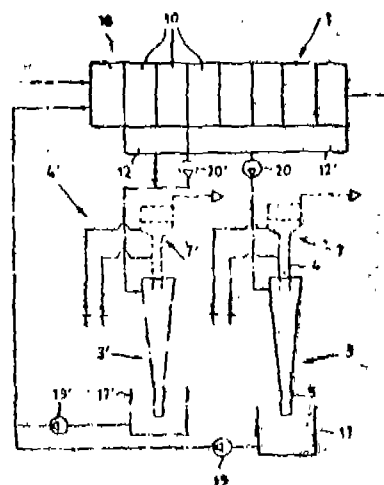
A repulping method for waste paper for producing paper pulp from waste paper comprising the following process step :

(i) the forth containing printing ink and the dirt from the primary floatation process in the floatation cells (10) of the primary floatation plant (1) is respectively discharged into a first part (12) of the collecting channel and is discarded;

(ii) the remaining forth with gas-containing core light particles and residue fibres and dirt particles from the primary floatation process in the floatation cells (10) is respectively discharged into a second part (12) of the collecting channel and is supplied to at least one hydrocyclone (3, 3');

(iii) the gas-containing core light particles separated at the hydrocyclone (3, 3') is discarded from the top part (7) of the hydro-cyclone (3, 3') and the heavy fraction containing fibres and dirt particles is discharged through the drain (5) to be mixed, at the mixing container (18) and supplied again to the primary floatation plant (1);

characterised in that the process of producing paper pulp is carried out in a single floatation plant (1) having individual floatation cells, (10) with the omission of a secondary floatation plant,



(Compl. Specn. : 5 Pages;

Drgns. : 1 Sheet)

Cl. : 128 G

179744

Int. Cl.⁴ : A 61 F 2/15

"HYBRID INTRASTROMAL CORNEAL RING."

Applicant : KERVISION INC., OF 2334 WALSH AVENUE, SANTA CLARA, CALIFORNIA 95051, UNITED STATES OF AMERICA.

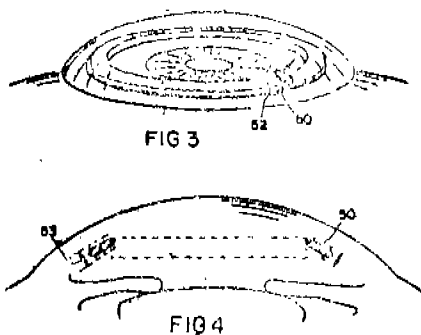
Inventors : SILVESTRINI, THOMAS A.

Application No. 444/CAL/1993 filed on 5th August, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

72 Claims

An intracorneal ring configured and adapted for implantation with in a human cornea for altering the shape of cornea, said ring comprising at least one outer layer (54) and an inner portion (56) of at least one physiologically compatible polymer as herein described.



(Compl. Specn. : 24 Pages; Drgns. : 4 Sheets)

Cl. : 40 F, 32 B, 40 B 179745
Int. Cl.⁴ : B 01 J 31/40, 38/00, C 07 C 2/62, B 01 D 17/02

"A PROCESS FOR REGENERATING A CATALYST MIXTURE COMPRISING A SULFONE COMPONENT AND A HYDROGEN HALIDE COMPONENT AND CONTAINING AN ACID SOLUBLE OIL AS AN IMPURITY."

Applicant : PHILLIPS PETROLEUM COMPANY, OF
BARTLESVILLE, STATE OF OKLAHOMA, UNITED
STATES OF AMERICA.

Inventors : 1. ALAN DAN EASTMAN 2. BRUCE B. RANDOLPH 3. RONALD GORDON ABBOTT 4. ROBERT BRUCE ELDRIDGE.

Application No. : 448/Cal/1993 filed on 5th August, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

18 Claims

A process for regenerating a catalyst mixture comprising a sulfone component and a hydrogen halide component and containing an acid-soluble oil (ASO) as an impurity which comprises :

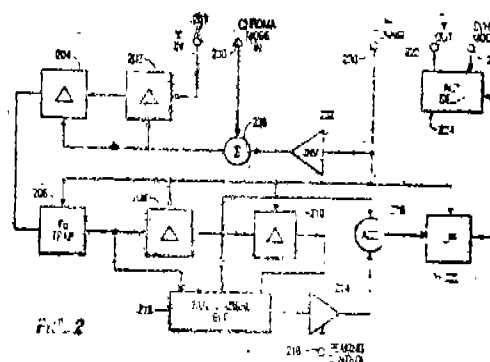
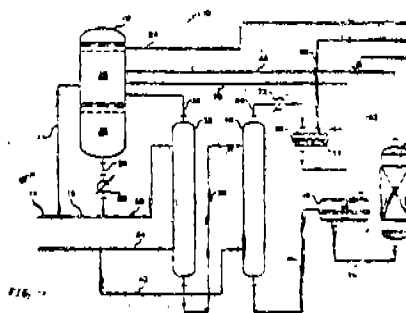
separating in a manner as herein described said mixture into a first overhead stream and a first bottoms stream wherein said first overhead stream comprises a major portion of the hydrogen halide component of said mixture and said first bottoms stream comprises a major portion of said sulfone component of said mixture and a major portion of said ASO of said mixture, and any hydrogen halide present in said first bottom stream is present in an amount of less than 10 weight percent;

separating a manner as heroin described said first bottoms stream into a second overhead stream and a second bottom stream wherein said second overhead stream comprises a major portion of the hydrogen halide contained in said first bottoms stream and wherein said second bottoms stream comprises major portion of said sulfone contained in said first bottoms stream and a major portion of said ASO contained in said first bottoms stream, and any hydrogen halide present insaidsscond bottoms stream is present in an amount of less than i weight percent;

separating in a manner is herein described said second bottoms stream into an ABO stream and a sulfone stream wherein said sulfone stream comprises at least a portion of the sulfone contained in said second bottoms stream and said ASO stream comprises said ASO;

contacting said sulfone stream, comprising greater than 75 weight percent sulfone and less than 25 weight percent ASO with carbon at an absolute pressure in excess of 3 atmospheres and a temperature of 0°F to 400°F to thereby

remove at least a portion of the ASO contained in said sulfone stream to produce a sulfone stream having a reduced concentration of said ASO.



(Compl. Specn. : 28 Pages; Drgns, : 2 Sheets.)

Cl. ; 186 E 179746
Int. Cl.' ; H 04 N 9/18.

"LUMINANCE SIGNAL FILTER FOR USE WITH A
COLOR TELEVISION RECEIVER HAVING PLURAL
LUMINANCE SIGNAL SOURCES".

Applicant : THOMSON CONSUMER ELECTRONICS
INC. OF 600 NORTH SHERMAN DRIVE. INDIANPOLIS,
INDIANA, 46201, UNITED STATES OF AMERICA,

Inventor : WILLIAM ADAMSON LAGONI.

Application No. : 465/Cal/1993 filed on 16th August, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

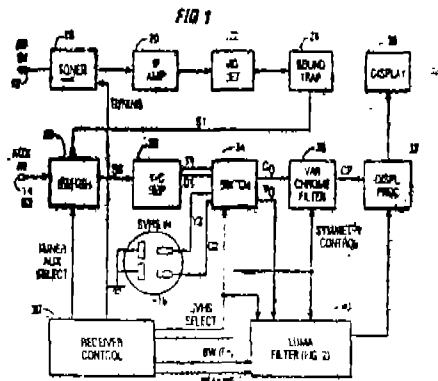
A luminance signal filter for use in a color television receiver having first and second luminance signal Sources (32, 36) providing respective first and second luminance signals (Y1, Y2) of differing bandwidths and including a switch (34) having inputs coupled to receive said first and second luminance signals (Y1,,Y2) and havingan output for providing a selected luminance signal (YO) for display :

characterized by :

a receiver control unit (30) is provided for (i) controlling the operation of said switch (34) and for (ii) providing a band-width control signal (BW) indicative of a nominal bandwidth of said selected luminance signal (YO) ;

a tunable filter (220) responsive to said bandwidth control signal (RW) for determining the band width of said selected luminance signal (YO) applied to said display, said tunable filter having a delay which varies as a function of the frequency components within the filter passband and which also varies with change in said bandwidth of said selected luminance signal (YO); and

a variable delay circuit (202, 204) Coupled in series with said tunable filter (206, 220) and responsive to said bandwidth control signal for providing delay equalization for said signal frequencies within said passband of said tunable filter and for providing a substantially constant overall delay for said selected luminance signal (YO) for said differing bandwidths.



(Compl Specns. : 13 pages;

Drgns. : 9 Sheets)

Cl. : 34 A P

179747

Int. Cl.⁴ : D 01 D 4/02, 5/088.

"FINE DENIER POLYESTER STAPLE FIBER, PROCESS AND APPARATUS FOR PREPARING THE SAME".

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

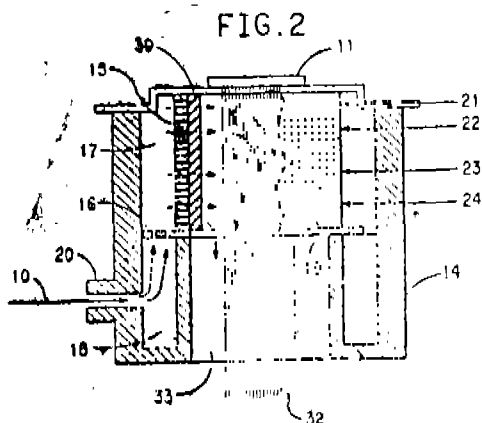
Inventors : (1) HARVEY GENE ANDERSON,
(2) JAMES VOCTOR HARTZOG,
(3) HAROLD LAWRENCE MANNING, Jr.,
(4) JAMES WILLIAM TOLLIVER.

Application No. : 864/Cal/92 filed on 30th November, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), patent Office, Calcutta.

13 Claims

Fine denier polyester staple fiber obtained from polyester polymer of relative viscosity (LRV) 9-23, suitable for textile processing on a cotton or worsted system, of line denier in the range 0.5 to 1 dtex and of interfilament diameter uniformity less than 7.5% CV.



(Compl Specns. : 24 pages;

Drgns. : 3 Sheets)

Cl. : 71

G

179748

Int. Cl.⁴ : F 02 F 3/88.

"THRUSTER JET PUMP FOR DREDGING".

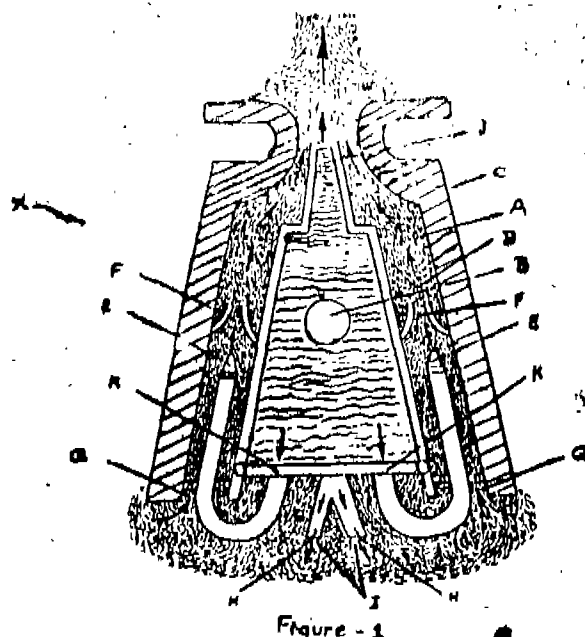
Applicant & Inventor : AJIT KUMAR PAL, OF 213, C.I.T. ROAD, CALCUTTA-700 010, WEST BENGAL, INDIA.

Application No. : 609/Cal /93 filed on 14th October, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

Thruster jet pump for dredging comprising an inner chamber (A) having a sand water agitator (I) with opening (H) surrounded by an outer chamber (C) to form a suction passage (D) open both ways in between the walls of the said inner chamber (A) and the outer chamber (C) wherein jets (E) connected with the said inner chamber (A) and introduced into venturies (F) constructed on the walls of the said inner and the outer chamber (A, C) are placed in the said suction passage (D) to suck sand slurry is characterised in that the said inner chamber (A) is provided with a water thruster (J) and a high pressure water inlet (B) connected to the lower portion of a high pressure water supply header tank (HT) through a jet pump (J.P.) for supplying water thrust in the said sand water agitator (I), the jets (E) and the water thruster (J) to effect a smooth dredging and transportation of the sand slurry.



(Compl. Specn. : 9 pages;

Drgn

1 Sheet)

Cl. : 15

126 C

179749

Int. Cl.⁴ : G 01 D 3/08.

"ON LINE BEARING CONDITION MONITORING DEVICE".

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, OF KHARAGPUR-721 302, WEST BENGAL, INDIA.

and

SAMAR KUMAR ROY CHOWDHURY, OF A-16, I. I. T, KHARAOUPUR-721 302, WEST BENGAL, INDIA.

Inventor : SAMAR KUMAR ROY CHOWDHURY.

Application No. : 485/Cal/1992 filed on 24th August,

Appropriate Office for Opposition Proceeding (Rule 4. Patente Rules, 1972), Patent Office, Calcutta.

6. Claims

An on line bearing condition monitoring device consisting of an electric circuit comprising a probe inserted into the bearing of a shaft bearing assembly having lubricant film in between said shaft and bearing, an indicator (volt meter) unit connected with said probe in series but across the shaft bearing assembly, said unit being connected to the output voltage across said lubricant film and adopted for continuously measuring the voltage across the dielectric lubricant film thickness at the interface between the bearing and the shaft and comparing the same with pre-set safe value and light emitting diode connected to said unit wherein said diode shows led light as a visual warning as soon as the lubricant film approaches a breakdown condition as indicated by the voltage falling below the pre-set safe value.

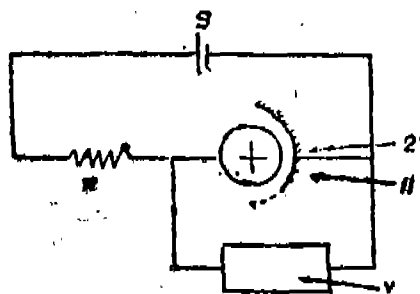


FIG - 1

(Compl Specns. : 8 pages; Drgns. : 2 Sheets)

Cl.: 32 F 2(a)

179750

Int. Cl.: A 61 K 31/04

C 07 C 46/02.

PROCESS FOR THE PREPARATION OF ALLYL QUINONE DERIVATIVES.

Applicant: EISAI CHEMICAL CO. LTD., OF 22, OAZA SUNAYAMA, HASAKI-MACHI, KASHIMA-GUN, IBARAKI PREFECTURE, JAPAN.

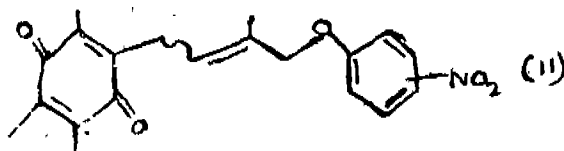
Inventors: 1. KIMIO HAMAMURA, 2. CHIAKI SEKI, 3. MASAYUKI KONISHI

Application No. 221/Cal/1995 filed on 1st March, 1995.

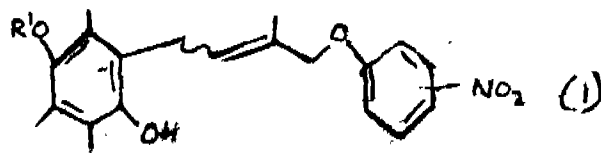
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

3 Claims

A process for preparing a quinone derivative (II), represented by the following general formula :



which comprises oxidizing, in the manner such as herein described, a hydroquinone derivative (I) represented by the following general formula :



wherein R¹ means a hydrogen atom, an aliphatic acyl group or aromatic acyl group, thereby preparing the quinone derivative (II).

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of patent No. 173207 dated the 18th May, 1990 made by Norbert Umlauf on the 3th December 1966 and notified in the Gazette of India Part III, Section 2, dated the 1-3-1997 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 173731 dated the 3th June, 1992 made by Surendra Rhudayaniwas Kotkar on the 12th August, 1996 and notified in the Gazette of India Part III, Section 2, dated the 31st October, 1996 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 173915 dated the 8th February, 1990 made by K. P. Gandhirajan on the 8th August, 1996 and notified in the Gazette of India Part III, Section 2, dated the 23-11-1996 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 175681 dated the 15th May, 1990 made by Keystone International Holdings Cor P. on the 25th April, 1997 and notified in the Gazette of India Part III, Section 2, dated the 28-6-1997 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 175999 dated the 7th July, 1989 made by Fina Technology, Inc. on the 20th November, 1997 and notified in the Gazette of India Part III, Section 2, dated the 8-2-1997 has been allowed and the said Patent restored.

AMENDMENT PROCEEDINGS UNDER SECTION 37

Notice is hereby given that DMW (TECHNOLOGY) LIMITED, formerly known as DUNNE MILLER WESTON LIMITED, a U.K. COMPANY, of Ellesfield Avenue, Bracknell, Berkshire RG128YS, England formerly of 4, Wilford Bridge Spur, Melton, Woodbridge Suffolk, IP 1RJ, England have made an application under Section 57 of the Patent Act, 1970 for amendment of specification of their application for Patent No. 177383 for "A device for producing a metered amount of liquid as a spray or droplets and a metered dose inhaler comprising said device". Amendments are by way of change of address.

The application for amendment and the proposed amendments can be inspected free of charge at Patent office, 234/4, Acharya Jagdish Bose Road, Calcutta-700020 or copies, of the same can be had on payment of the usual copying charge. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the dated of this notification at the Patent Office, 234/4, Acharya Jagdish Bose Road, Calcutta-700 020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

171423	175274	168387	175336	178511	174875	168544
177371	177988	174792	172071	172663	177506	172569
164594	175971	177570	173294	172930	177689.	

PATENT SEALED ON 24-10-97.

176773	177789*D	177862	177903	177909	177921*F
178075	178076	178077	178079	178080	178081*
178082	178083	178084	178085	178086	178087
178088	178089	178092*	178093	178094	178095
178096	178097	178098*	178099	178100	
178101	178102*D	178103	178104	178106	178107
178109					

178110 178111*D 178112*D 178113*D 178114*D 178115*D
178116*D 178117*F 178118*D 178119 178120

CAL — 09, DEL — NIL, MUM — 09, CHEN — 28.

•Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years, from the date of sealing.

F—Food Patents.

D—Drug Patents.

RESTORATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. Nos. 173337 to 173342, Chairman, Society for Biomedical Technology (SBMT), an autonomous society under the Dept. of Defence Research and Development, Govt. of India, having its Regd. Office at Defence Bio-Engineering and Electro-Medical Laboratory (DEBEL), C. V. Raman Nagar, Bangalore-560 093, India, an Indian national. "A DILATION IMPLANT". 13th March, 1997.

Class 3. Nos. 173343 to 173348, Chairman, Society for Biomedical Technology (SBMT), an autonomous society under the Dept. of Defence Research and Development, Govt. of India, having its Regd. Office at Defence Bio-Engineering and Electro-Medical Laboratory (DEBEL), C. V. Raman Nagar, Bangalore-560 093, India, an Indian Na-

tional, "A DILATION IMPLANT", 13th March, 1997.

Class 3. Nos. 173383 to 173385, Dr. Sujoy Kumar Guha, Professor of Biomedical Engineering Centre for Biomedical Engineering (CBME), Indian Institute of Technology (IIT), Hauz Khas, New Delhi-110016, India; an Indian national. "A PACKING FOR MEDICAL DEVICE", 21st March, 1997.

Class 3. Nos. 172259 to 172263, The Goodyear Tire & Rubber Company, a corporation organised under the laws of the State of Ohio, with offices at 1144, East Market Street, Akron, Ohio 44316-0001, U.S.A., "TYRE TREAD", 27th September, 1996.

Class 12. Nos. 172833 to 172835, Piruz. Khambatta. Adult, an Indian national, residing at behind Ellisbridge Gymkhana, Ellisbridge, Ahmedabad-380 006, Gujarat State, India, "CONFECTIONERY", 18th December, 1996.

Class 12. Nos. 173075, Piruz Khambatta, Adult, an Indian national, residing at behind Ellisbridge Gymkhana, Ellisbridge, Ahmedabad-380 006, Gujarat, State, India, "CONFECTIONERY" 30th January, 1997.

Class 3. Nos. 172235 to 172237, Michelin Recherche Et Technique S.A., a corporation of Switzerland located at Route Louis-Braille 10 et 12, CH-1763, Granges-Paccot, Switzerland, "A TYRE", 23rd September, 1996.

Class 10. Nos. 172242 to 172247, B. S. Plastic, T-2/160, Mangolpuri Ind. Area, Phase I, Delhi-110 083, India, an Indian partnership firm, "FOOTWEAR", 24th September, 1996.

T. R. SUBRAMANIAN

Controller General of Patents Designs & Trade Marks

प्रबन्धक, भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1997

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